

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087697.D
 Acq On : 29 Aug 2025 13:57
 Operator : JC\MD
 Sample : VN0829MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 22:54:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	197099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	389682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	357672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	185957	46.048	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.100%		
35) Dibromofluoromethane	8.147	113	131636	46.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.580%		
50) Toluene-d8	10.547	98	479774	45.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.120%		
62) 4-Bromofluorobenzene	12.829	95	165160	44.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	56370	20.137	ug/l	98
3) Chloromethane	2.383	50	55923	19.439	ug/l	100
4) Vinyl Chloride	2.542	62	64007	19.189	ug/l	99
5) Bromomethane	2.977	94	33322	19.361	ug/l	100
6) Chloroethane	3.136	64	45158	19.262	ug/l	94
7) Trichlorofluoromethane	3.512	101	96738	19.795	ug/l	98
8) Diethyl Ether	3.959	74	40915	19.224	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	54823	19.826	ug/l	98
10) Methyl Iodide	4.583	142	29314	19.063	ug/l #	93
11) Tert butyl alcohol	5.524	59	68119	97.164	ug/l #	83
12) 1,1-Dichloroethene	4.330	96	53926	18.977	ug/l #	85
13) Acrolein	4.177	56	66003	76.581	ug/l	97
14) Allyl chloride	5.012	41	80974	15.724	ug/l	95
15) Acrylonitrile	5.706	53	181561	91.828	ug/l	97
16) Acetone	4.418	43	190995	86.881	ug/l	95
17) Carbon Disulfide	4.700	76	132242	16.904	ug/l	96
18) Methyl Acetate	5.024	43	93274	20.264	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	185502	17.401	ug/l	98
20) Methylene Chloride	5.271	84	60265	18.162	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	52095	16.915	ug/l	94
22) Diisopropyl ether	6.653	45	197690	17.789	ug/l #	95
23) Vinyl Acetate	6.588	43	906193	89.631	ug/l	96
24) 1,1-Dichloroethane	6.553	63	107392	17.625	ug/l	99
25) 2-Butanone	7.471	43	262798	90.865	ug/l	95
26) 2,2-Dichloropropane	7.471	77	89769	17.166	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	63723	17.308	ug/l	97
28) Bromochloromethane	7.800	49	54639	18.549	ug/l	99
29) Tetrahydrofuran	7.824	42	173812	93.383	ug/l	96
30) Chloroform	7.953	83	113878	18.311	ug/l	93
31) Cyclohexane	8.235	56	92195	18.151	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	94983	18.022	ug/l	99
36) 1,1-Dichloropropene	8.353	75	73450	17.017	ug/l	99
37) Ethyl Acetate	7.547	43	102097	17.310	ug/l	98
38) Carbon Tetrachloride	8.341	117	77747	18.244	ug/l	99
39) Methylcyclohexane	9.582	83	82246	17.308	ug/l	96
40) Benzene	8.588	78	233140	17.611	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	52031	17.030	ug/l	95
42) 1,2-Dichloroethane	8.653	62	92903	18.262	ug/l	99
43) Isopropyl Acetate	8.671	43	168732	18.324	ug/l	99
44) Trichloroethene	9.335	130	54393	17.996	ug/l	85
45) 1,2-Dichloropropane	9.600	63	59666	17.098	ug/l	93
46) Dibromomethane	9.694	93	45909	18.488	ug/l	97
47) Bromodichloromethane	9.871	83	92742	18.223	ug/l #	98
48) Methyl methacrylate	9.665	41	78213	17.957	ug/l	98
49) 1,4-Dioxane	9.682	88	23262	412.045	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	526264	94.723	ug/l	99
52) Toluene	10.612	92	143000	17.424	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	94368	17.914	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	95666	17.490	ug/l	95
55) 1,1,2-Trichloroethane	11.000	97	58236	18.343	ug/l	98
56) Ethyl methacrylate	10.853	69	86258	17.000	ug/l	97
57) 1,3-Dichloropropane	11.147	76	101449	18.055	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	249685	90.918	ug/l	99
59) 2-Hexanone	11.182	43	321102	91.449	ug/l	100
60) Dibromochloromethane	11.341	129	63960	17.386	ug/l	98
61) 1,2-Dibromoethane	11.447	107	58477	17.468	ug/l	98
64) Tetrachloroethene	11.082	164	43051	17.349	ug/l	95
65) Chlorobenzene	11.870	112	153370	17.236	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	53342	18.057	ug/l	95
67) Ethyl Benzene	11.941	91	271225	17.604	ug/l	100
68) m/p-Xylenes	12.053	106	198230	35.083	ug/l	99
69) o-Xylene	12.376	106	95878	17.315	ug/l	99
70) Styrene	12.394	104	164513	17.734	ug/l	99
71) Bromoform	12.559	173	42183	18.619	ug/l #	97
73) Isopropylbenzene	12.676	105	252905	17.354	ug/l	99
74) N-amyl acetate	12.565	43	94039m	17.028	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	93795	18.694	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	79399m	18.774	ug/l	
77) Bromobenzene	12.959	156	61109	17.785	ug/l	98
78) n-propylbenzene	13.012	91	317523	17.689	ug/l	100
79) 2-Chlorotoluene	13.106	91	185834	17.203	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	219622	17.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	24944	15.614	ug/l	93
82) 4-Chlorotoluene	13.200	91	198858	17.509	ug/l	100
83) tert-Butylbenzene	13.417	119	184316	17.891	ug/l	100
84) 1,2,4-Trimethylbenzene	13.464	105	219242	17.716	ug/l	100
85) sec-Butylbenzene	13.594	105	275730	18.036	ug/l	99
86) p-Isopropyltoluene	13.706	119	227954	18.057	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	118251	17.476	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	119997	17.041	ug/l	97
89) n-Butylbenzene	14.035	91	229454	18.301	ug/l	98
90) Hexachloroethane	14.306	117	43901	18.253	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	116567	18.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20757	17.415	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	68026	17.647	ug/l	99
94) Hexachlorobutadiene	15.476	225	27568	20.060	ug/l	93
95) Naphthalene	15.617	128	235294	17.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	67508	17.914	ug/l	98

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ClientSampleId :
VN0829MBSD01

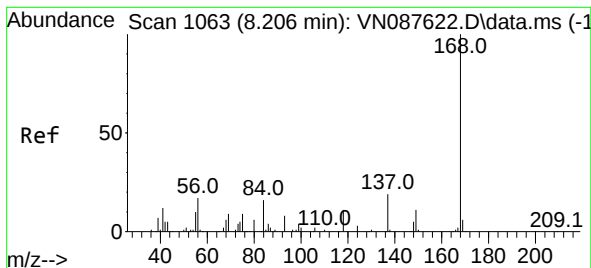
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

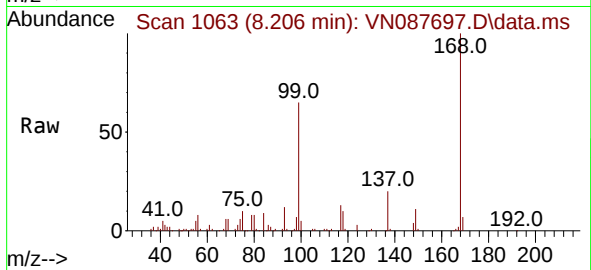
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

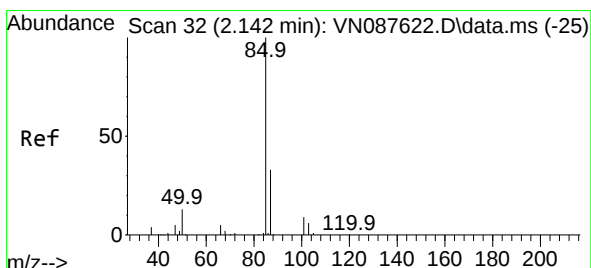
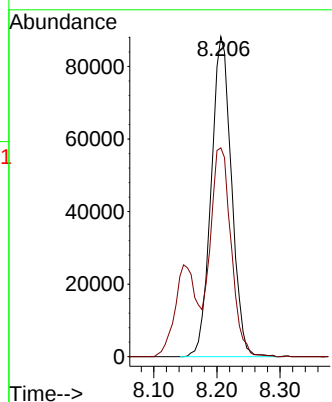
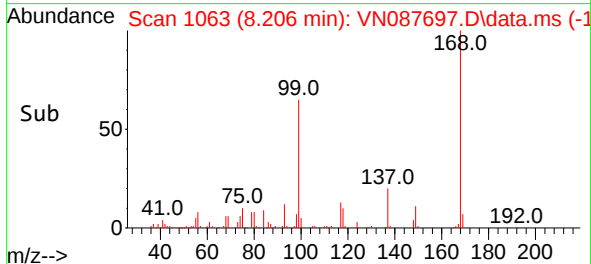
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion:168 Resp: 197099
Ion Ratio Lower Upper
168 100
99 65.3 57.2 85.8

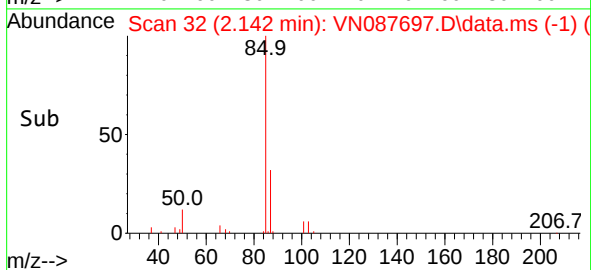
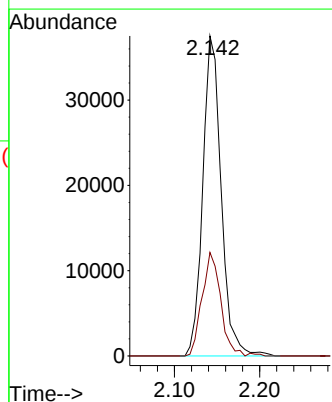
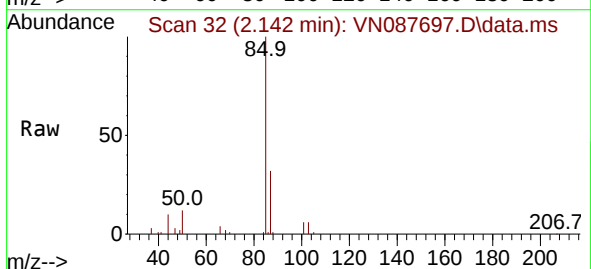
Manual Integrations
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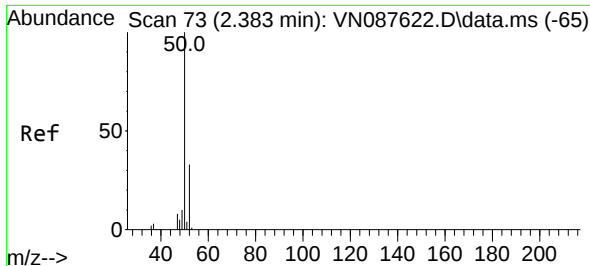
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#2
Dichlorodifluoromethane
Concen: 20.137 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

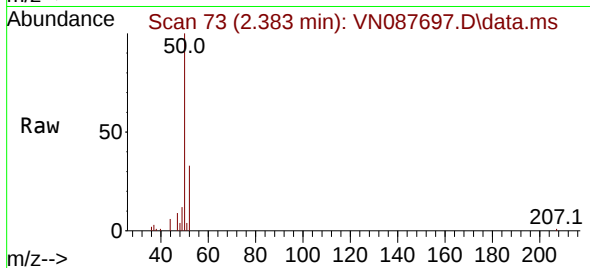
Tgt Ion: 85 Resp: 56370
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8





#3
Chloromethane
Concen: 19.439 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

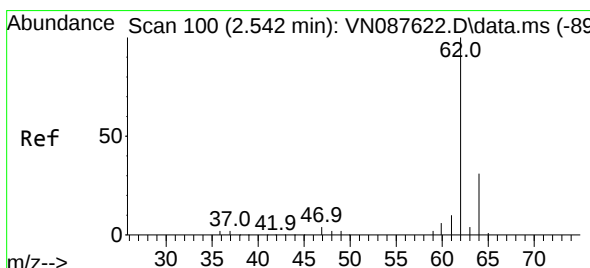
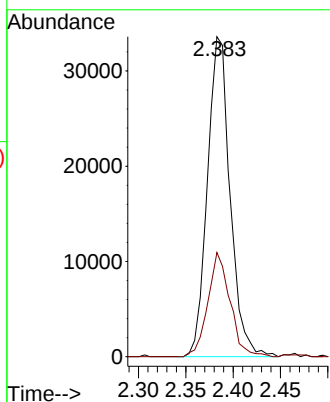
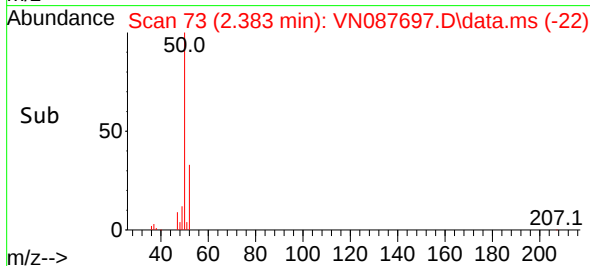
Instrument :
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ClientSampleId :
VN0829MBS01



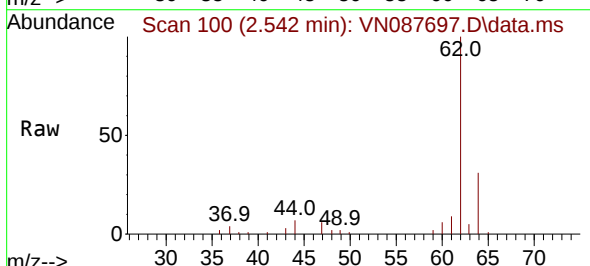
Tgt Ion: 50 Resp: 5592
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4

Manual Integrations
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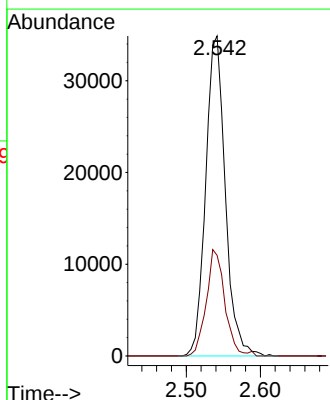
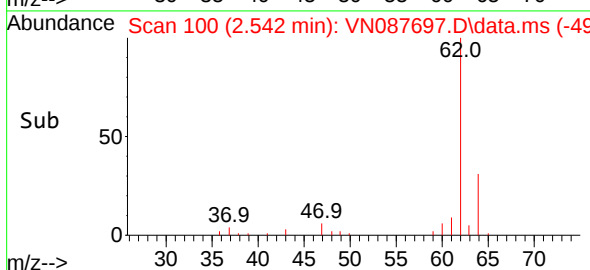
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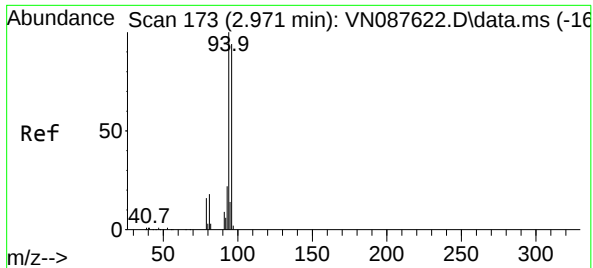


#4
Vinyl Chloride
Concen: 19.189 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



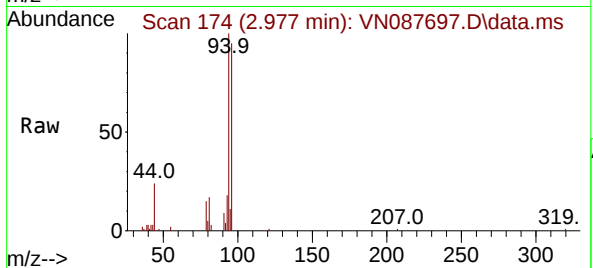
Tgt Ion: 62 Resp: 64007
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0





#5
Bromomethane
Concen: 19.361 ug/l
RT: 2.977 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

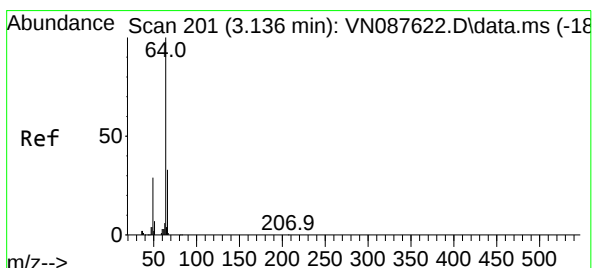
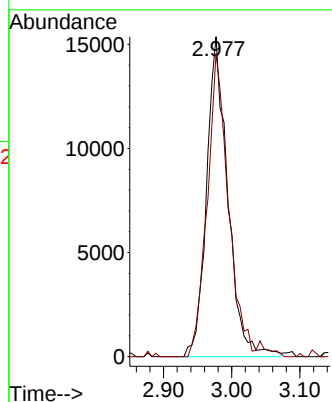
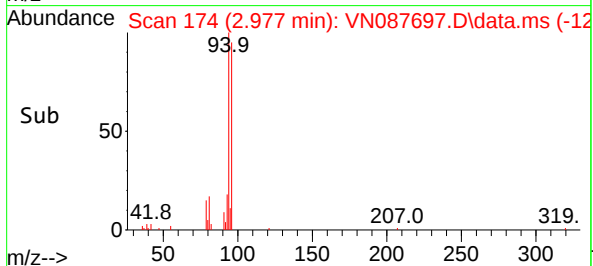
Instrument :
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Tgt Ion: 94 Resp: 3332
Ion Ratio Lower Upper
94 100
96 94.7 75.4 113.2

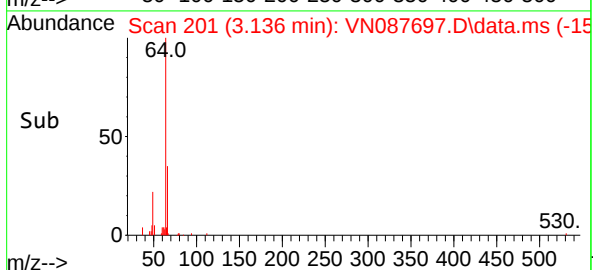
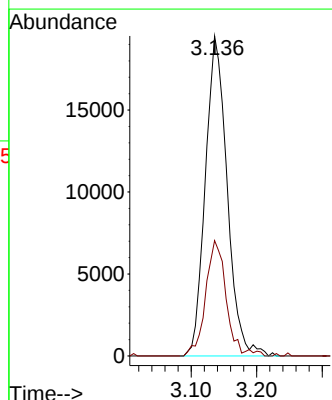
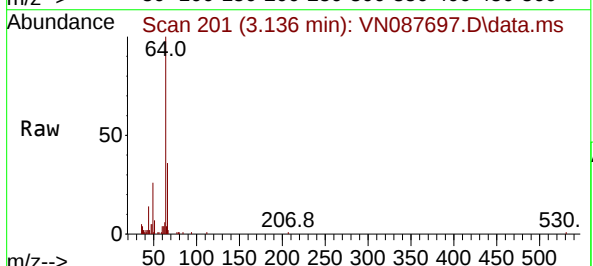
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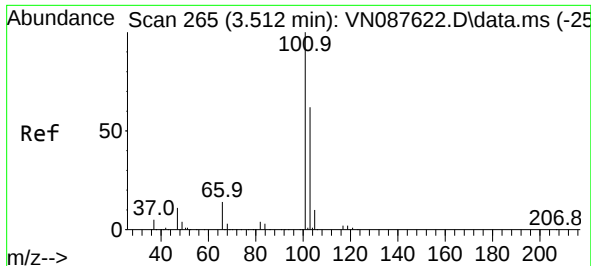
Reviewed By :John Carlone 09/02/2025
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#6
Chloroethane
Concen: 19.262 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087697.D
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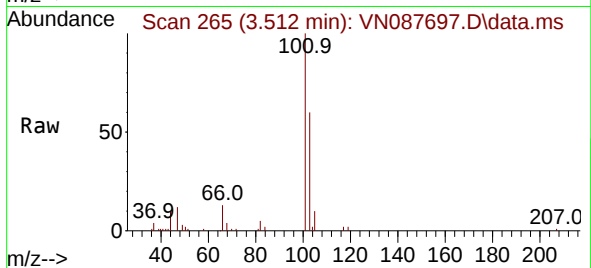
Tgt Ion: 64 Resp: 45158
Ion Ratio Lower Upper
64 100
66 36.1 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.795 ug/l
 RT: 3.512 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

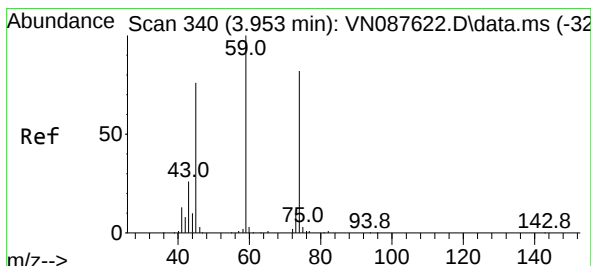
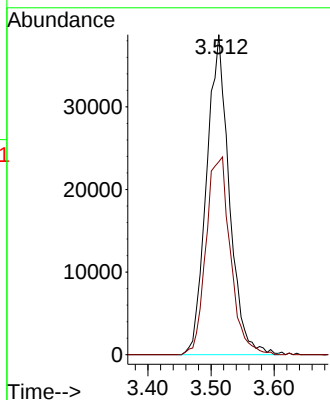
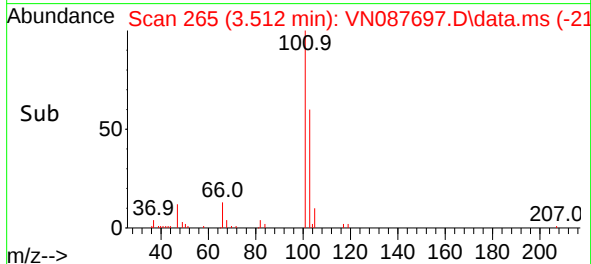
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01



Tgt Ion:101 Resp: 96738
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.4 74.0

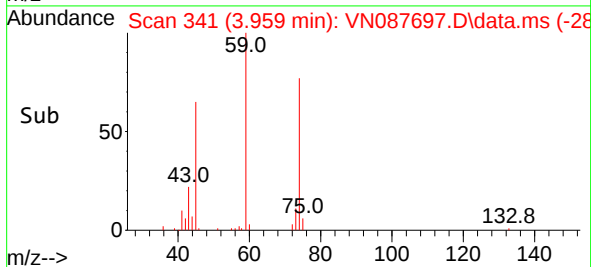
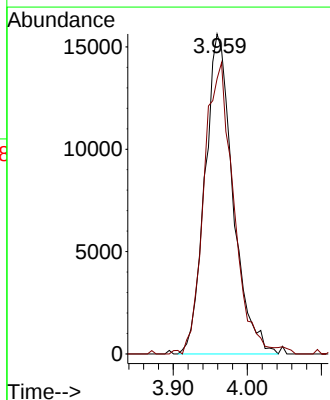
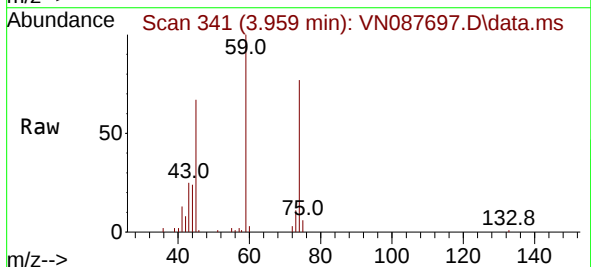
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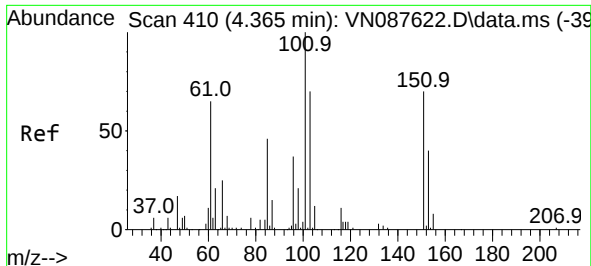
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#8
 Diethyl Ether
 Concen: 19.224 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

Tgt Ion: 74 Resp: 40915
 Ion Ratio Lower Upper
 74 100
 45 96.1 50.6 151.9





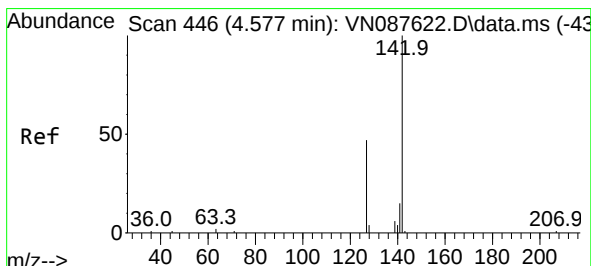
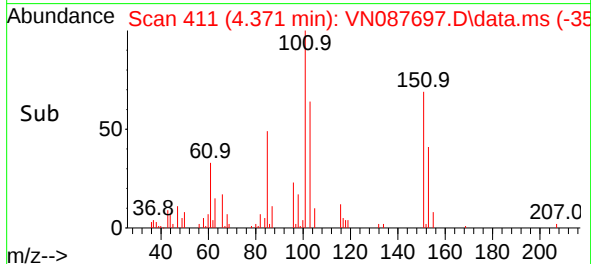
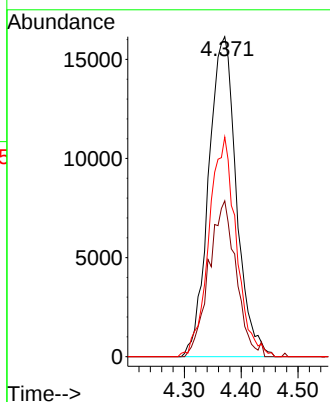
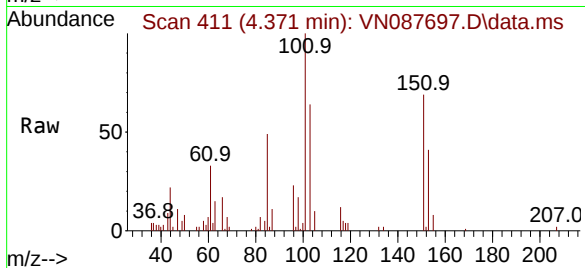
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.826 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

Tgt Ion:101 Resp: 5482
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 67.6 54.7 82.1

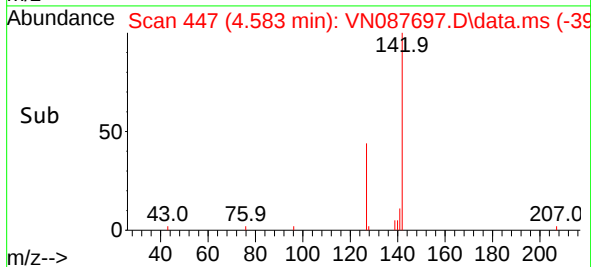
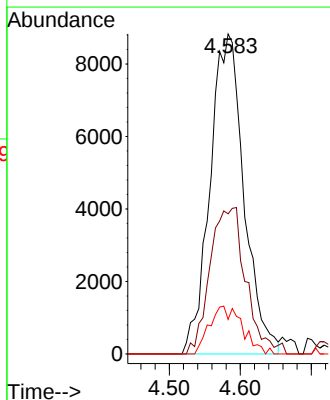
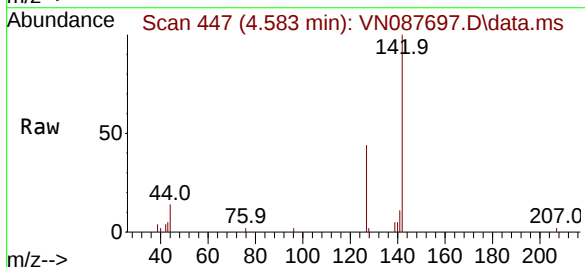
Manual Integrations
APPROVED

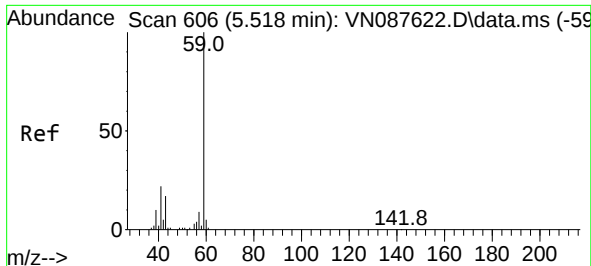
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#10
Methyl Iodide
Concen: 19.063 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

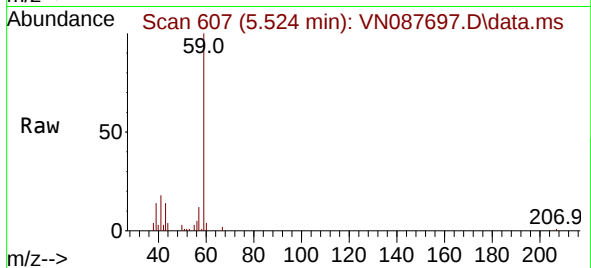
Tgt Ion:142 Resp: 29314
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 10.8 12.0 18.0#





#11
Tert butyl alcohol
Concen: 97.164 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

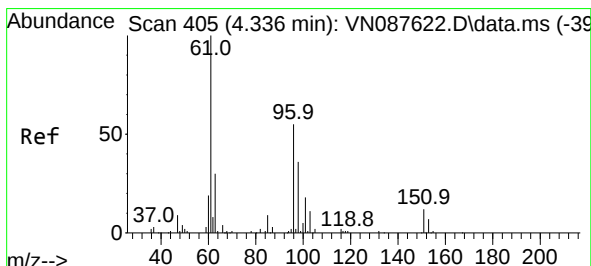
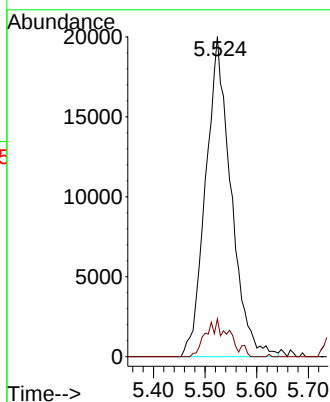
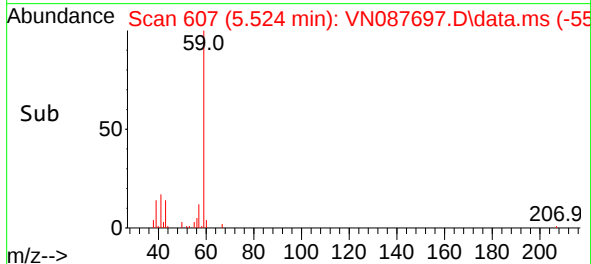
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



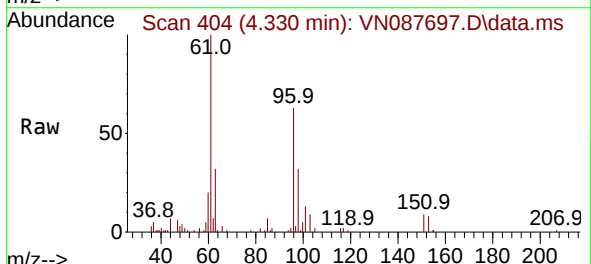
Tgt Ion: 59 Resp: 68119
Ion Ratio Lower Upper
59 100
57 4.5 9.0 13.4

Manual Integrations
APPROVED

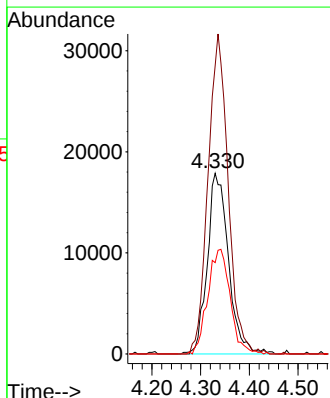
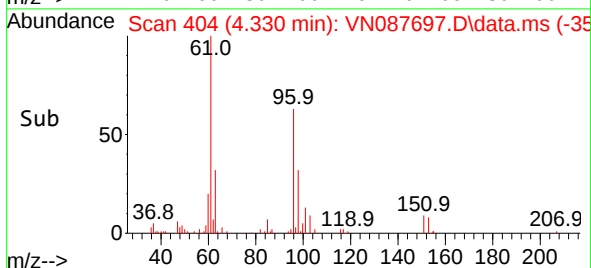
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

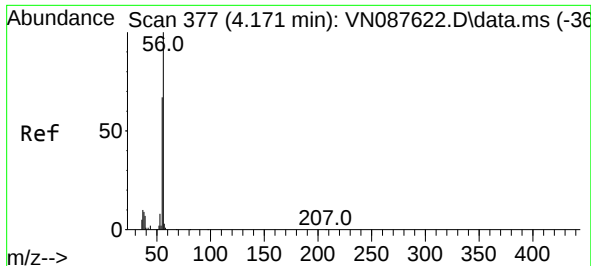


#12
1,1-Dichloroethene
Concen: 18.977 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



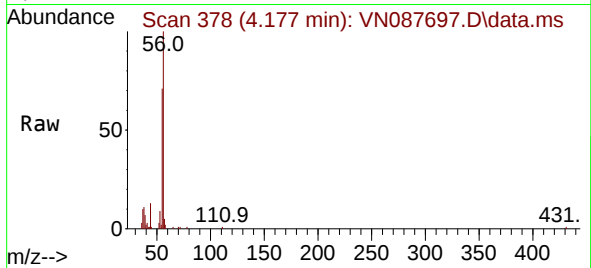
Tgt Ion: 96 Resp: 53926
Ion Ratio Lower Upper
96 100
61 159.5 143.8 215.8
98 50.6 52.1 78.1





#13
Acrolein
Concen: 76.581 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

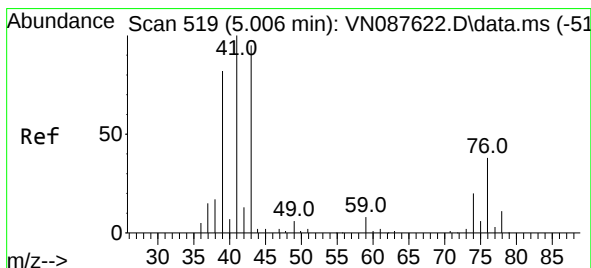
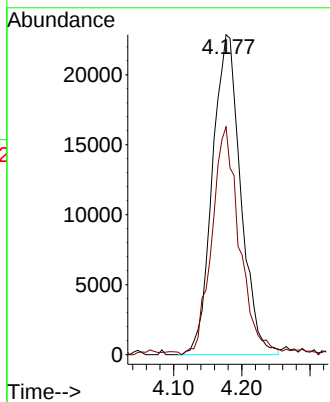
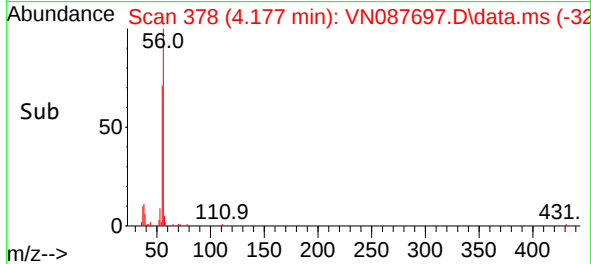
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 56 Resp: 6600
Ion Ratio Lower Upper
56 100
55 69.5 57.3 85.9

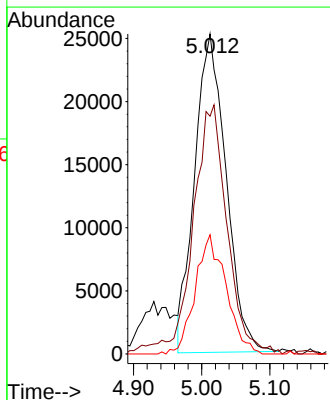
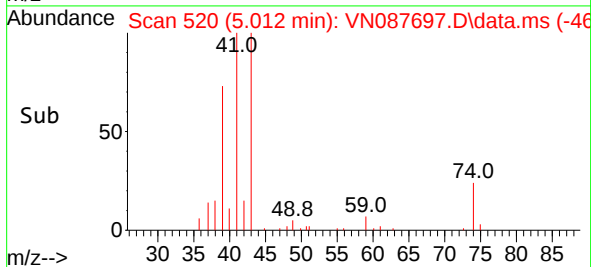
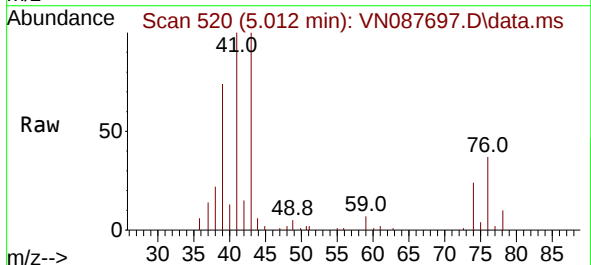
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#14
Allyl chloride
Concen: 15.724 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

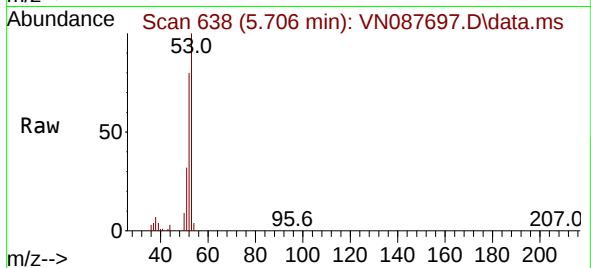
Tgt Ion: 41 Resp: 80974
Ion Ratio Lower Upper
41 100
39 85.0 63.9 95.9
76 36.8 28.1 42.1





#15
Acrylonitrile
Concen: 91.828 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

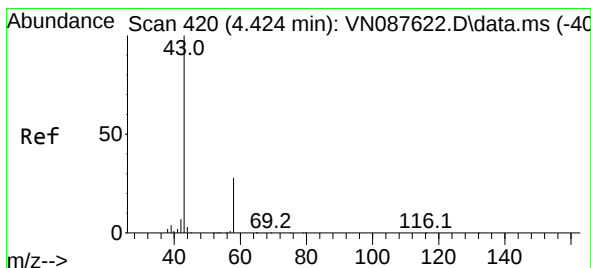
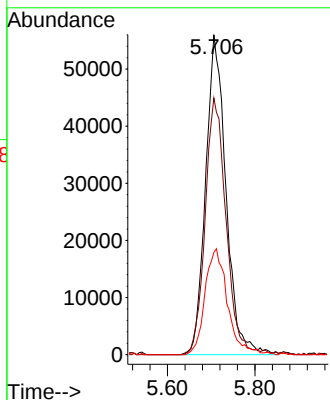
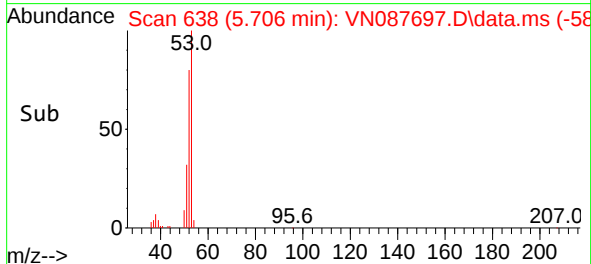
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 53 Resp: 18156
Ion Ratio Lower Upper
53 100
52 82.0 67.6 101.4
51 36.4 30.1 45.1

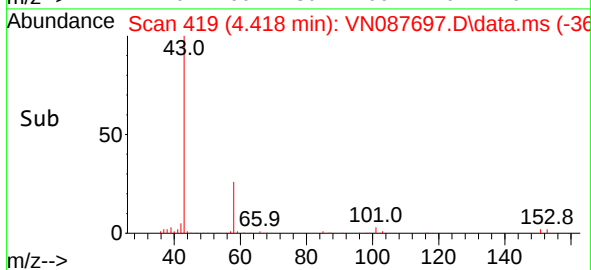
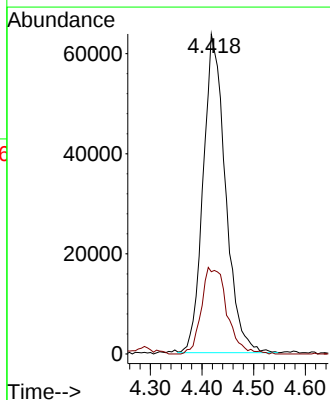
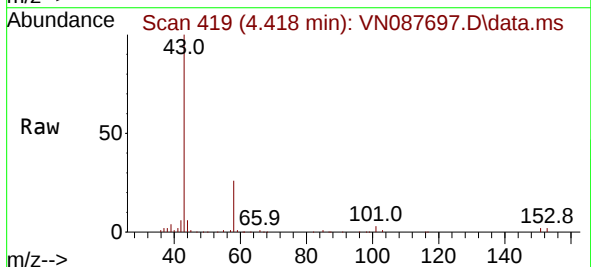
Manual Integrations
APPROVED

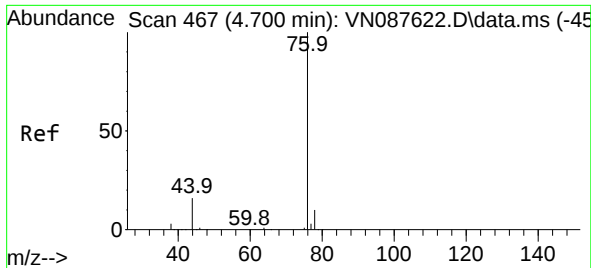
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#16
Acetone
Concen: 86.881 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

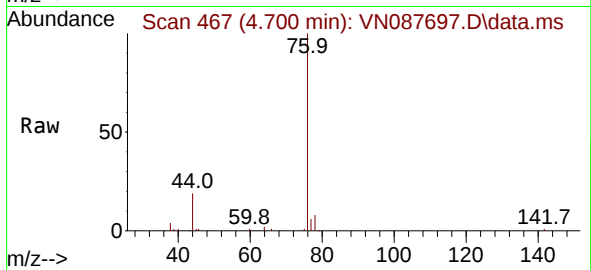
Tgt Ion: 43 Resp: 190995
Ion Ratio Lower Upper
43 100
58 25.8 22.6 33.8





#17
Carbon Disulfide
Concen: 16.904 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

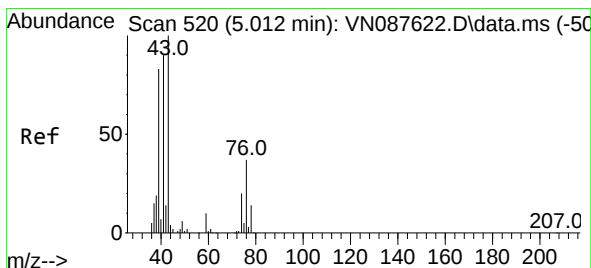
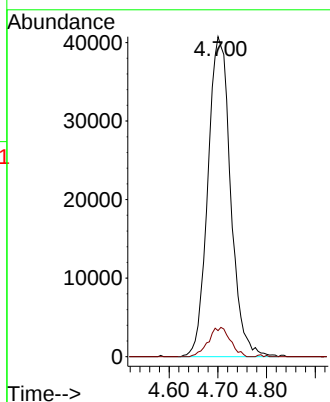
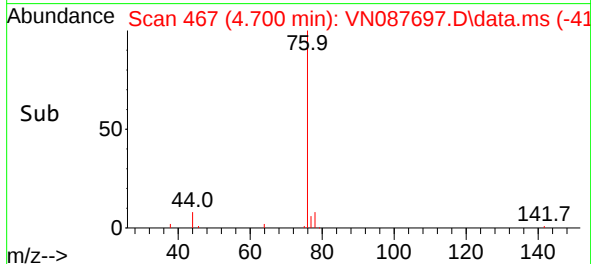
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion: 76 Resp: 13224
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

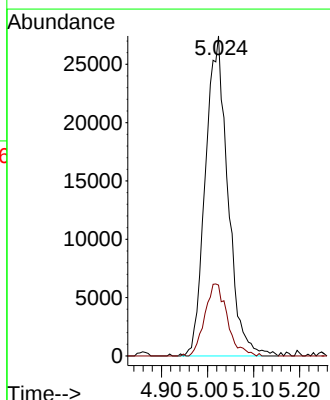
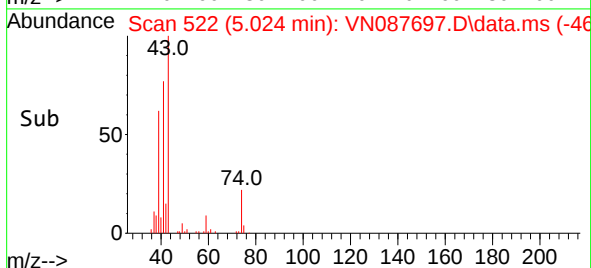
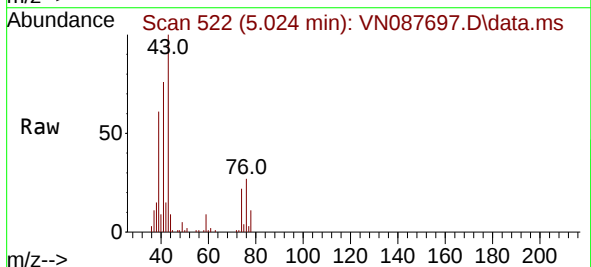
Manual Integrations
APPROVED

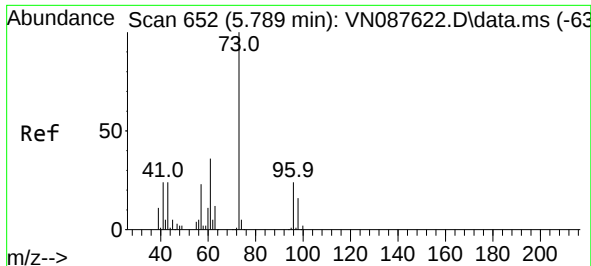
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#18
Methyl Acetate
Concen: 20.264 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

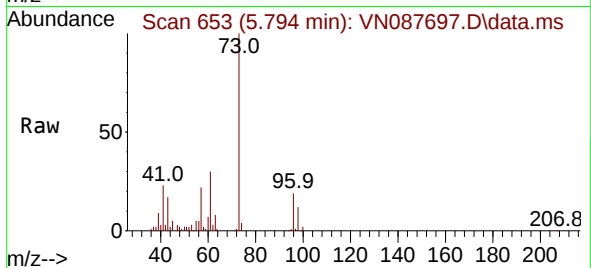
Tgt Ion: 43 Resp: 93274
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 17.401 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

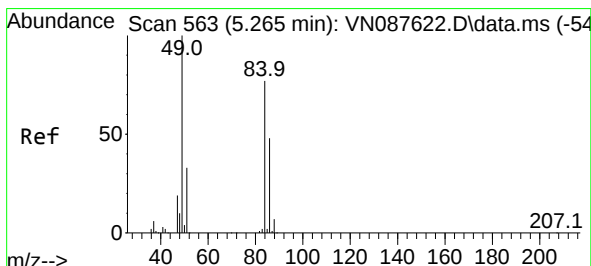
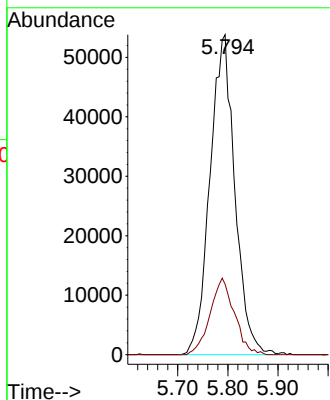
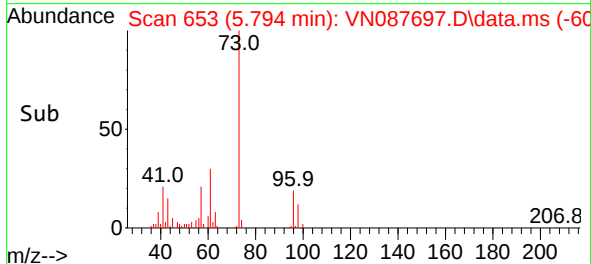
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 73 Resp: 18550
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6

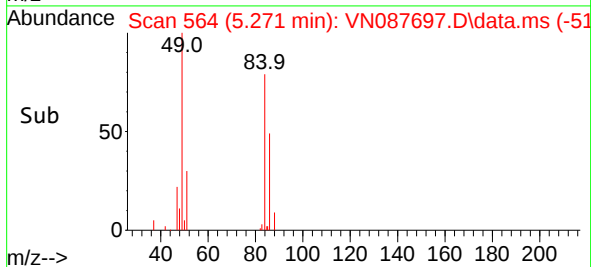
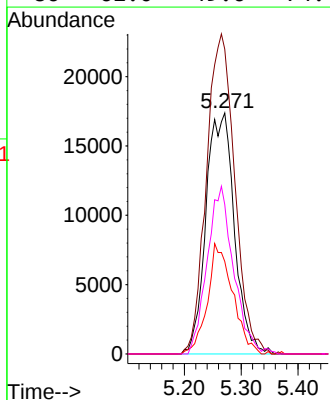
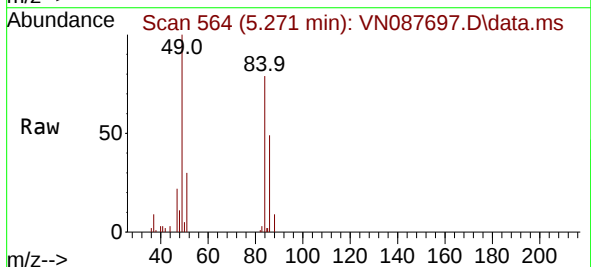
Manual Integrations
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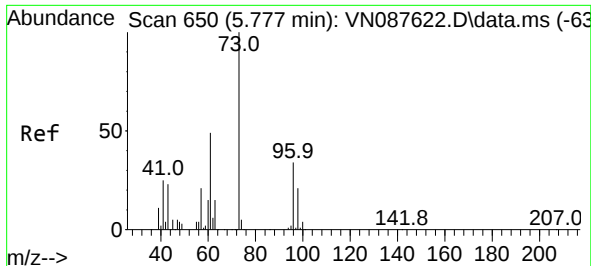
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#20
Methylene Chloride
Concen: 18.162 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

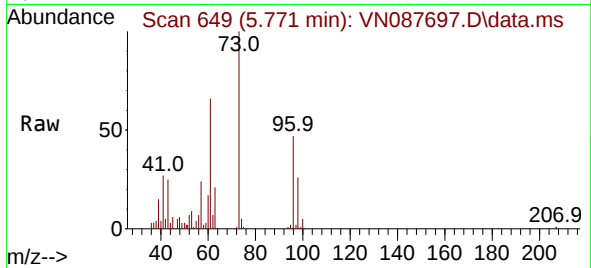
Tgt Ion: 84 Resp: 60265
Ion Ratio Lower Upper
84 100
49 126.5 103.4 155.2
51 38.3 33.8 50.8
86 62.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 16.915 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

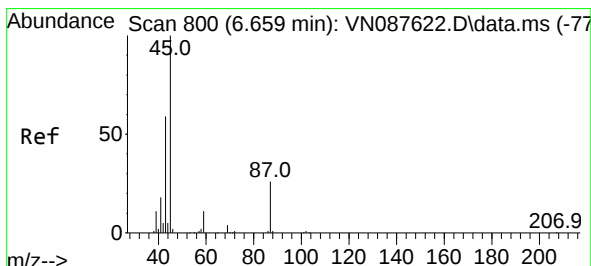
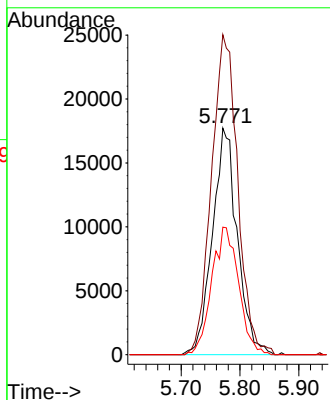
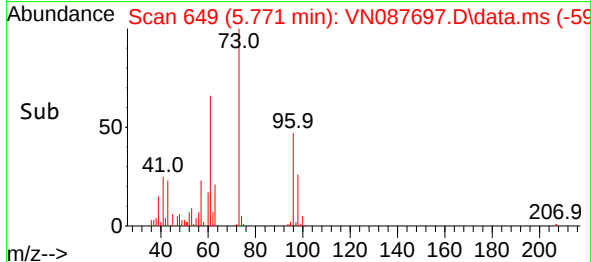
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 96 Resp: 5209
Ion Ratio Lower Upper
96 100
61 141.2 118.0 177.0
98 56.2 50.0 75.0

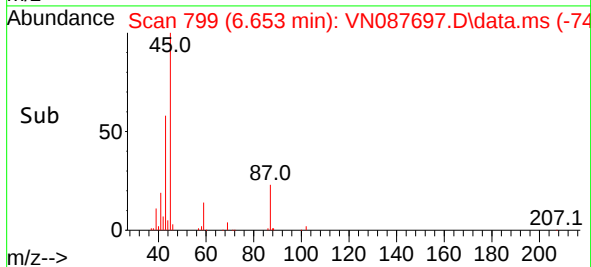
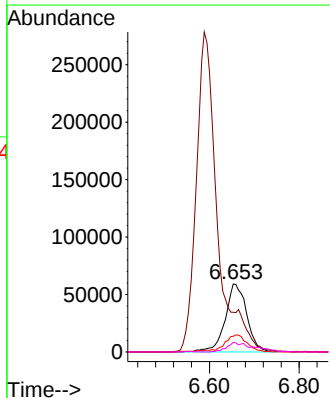
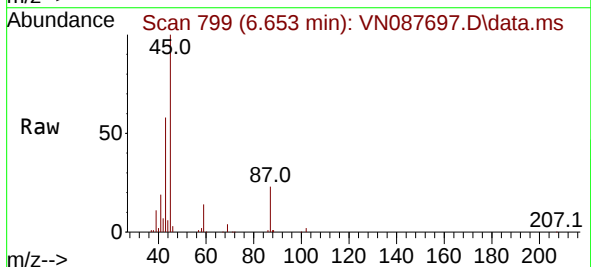
Manual Integrations
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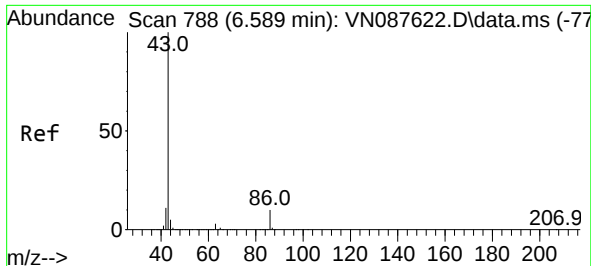
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#22
Diisopropyl ether
Concen: 17.789 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

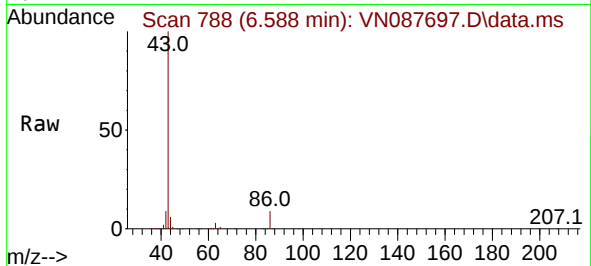
Tgt Ion: 45 Resp: 197690
Ion Ratio Lower Upper
45 100
43 57.1 47.7 71.5
87 22.7 21.4 32.0
59 13.6 8.7 13.1#





#23
 Vinyl Acetate
 Concen: 89.631 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

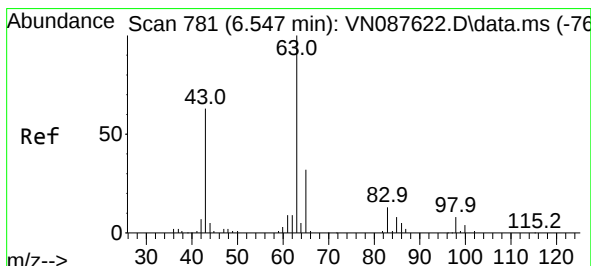
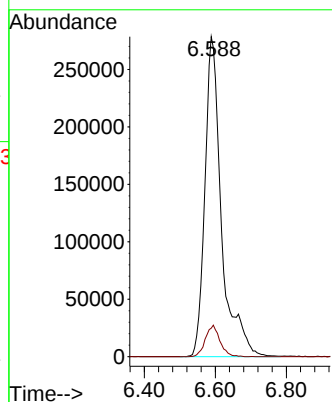
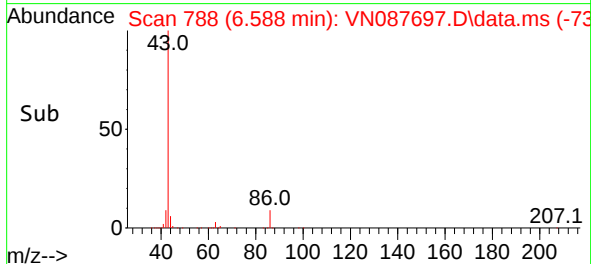
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01



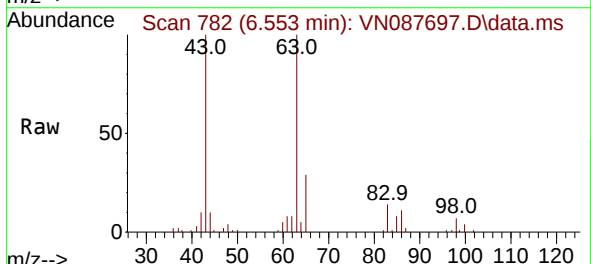
Tgt Ion: 43 Resp: 90619
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.4

Manual Integrations
 APPROVED

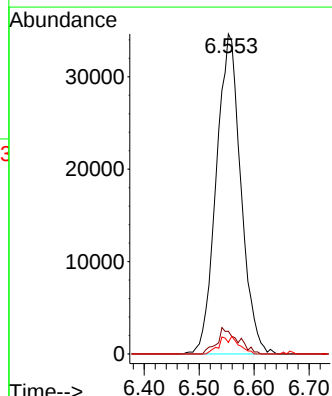
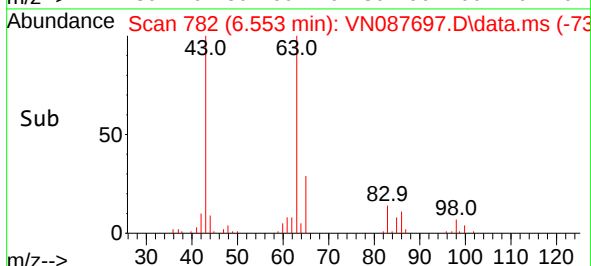
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

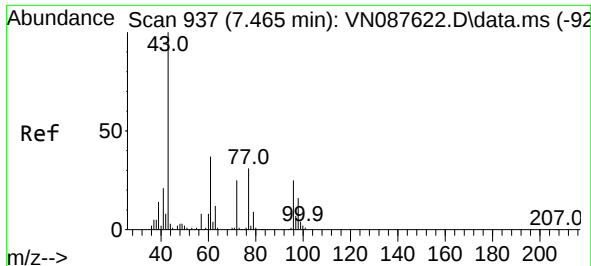


#24
 1,1-Dichloroethane
 Concen: 17.625 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57



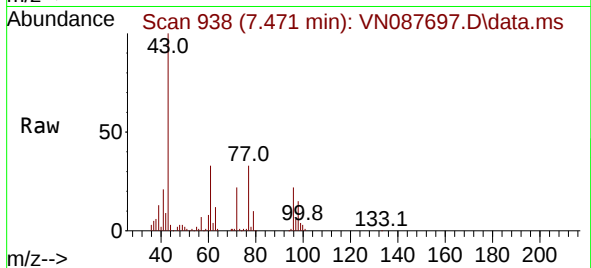
Tgt Ion: 63 Resp: 107392
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.6 2.0 6.0





#25
2-Butanone
Concen: 90.865 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

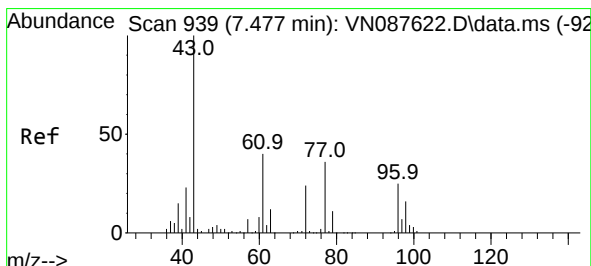
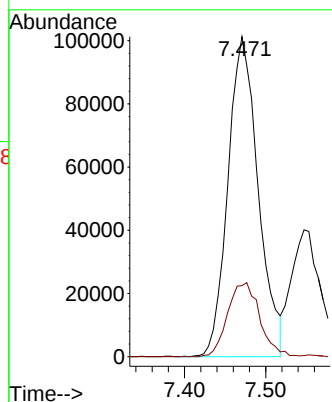
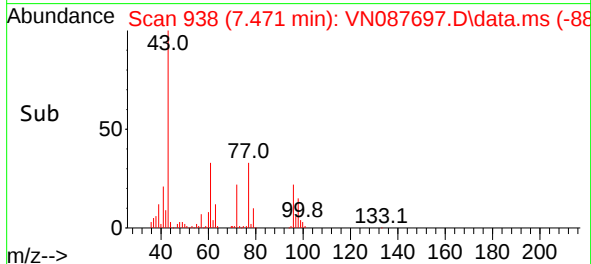
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 43 Resp: 262798
Ion Ratio Lower Upper
43 100
72 22.2 19.9 29.9

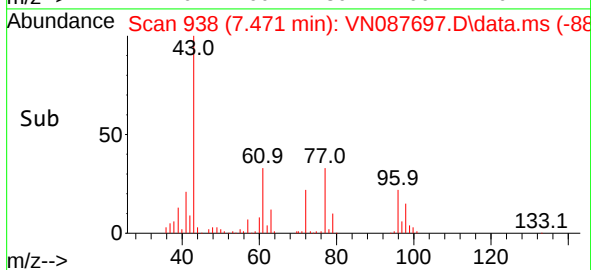
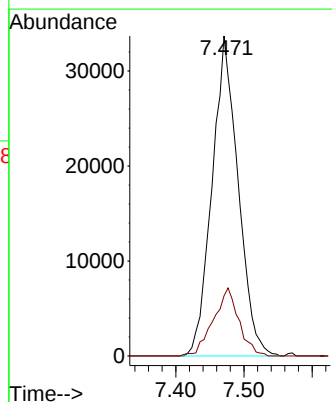
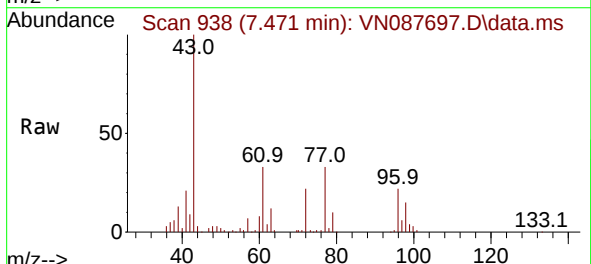
Manual Integrations
APPROVED

Reviewed By :John Carbone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#26
2,2-Dichloropropane
Concen: 17.166 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

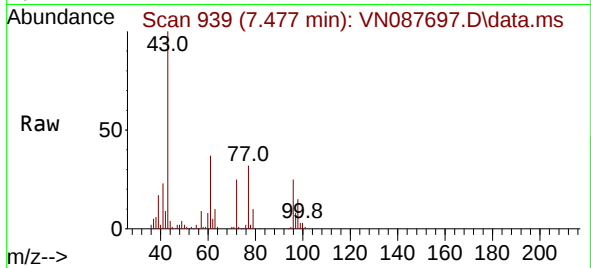
Tgt Ion: 77 Resp: 89769
Ion Ratio Lower Upper
77 100
97 20.8 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.308 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.012 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

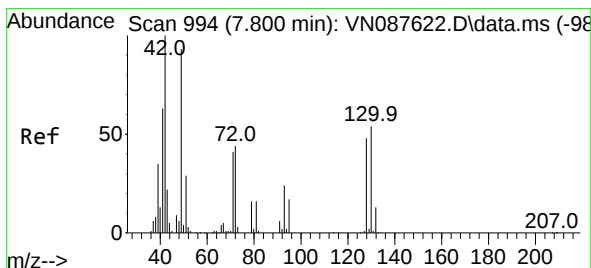
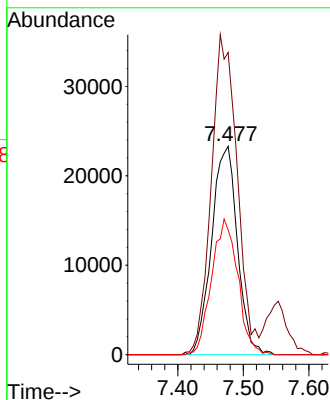
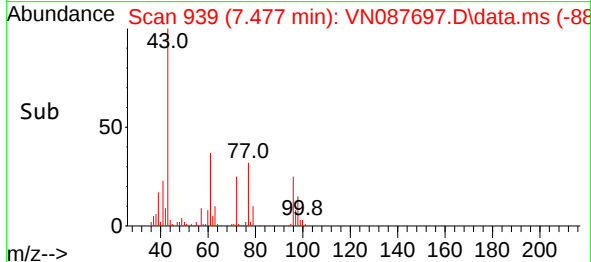
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01



Tgt Ion: 96 Resp: 6372
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 301.8
 98 66.0 0.0 126.2

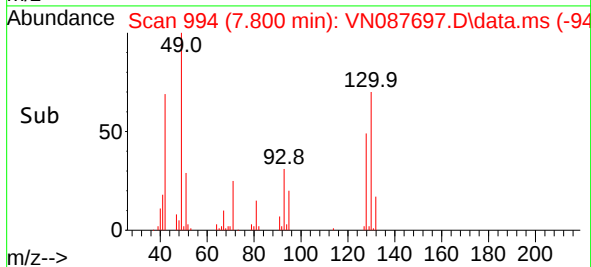
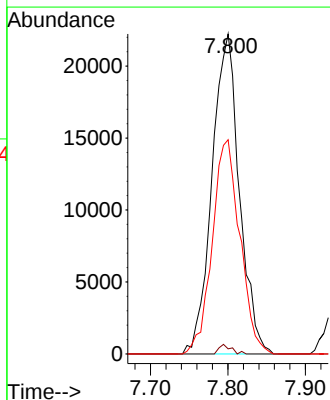
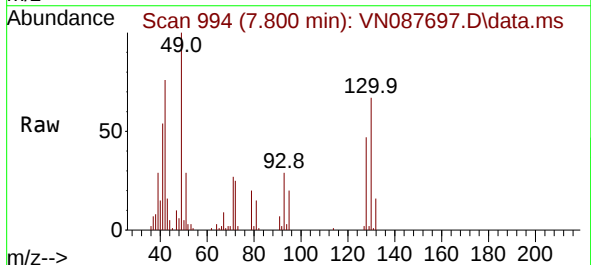
Manual Integrations
 APPROVED

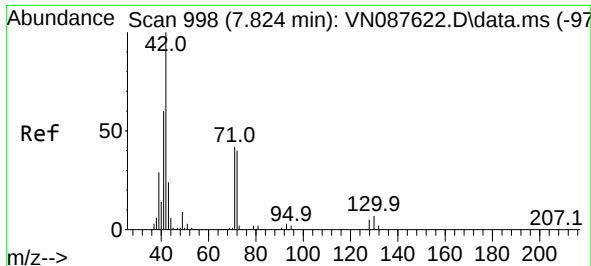
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#28
 Bromochloromethane
 Concen: 18.549 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

Tgt Ion: 49 Resp: 54639
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 67.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 93.383 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 42 Resp: 17381

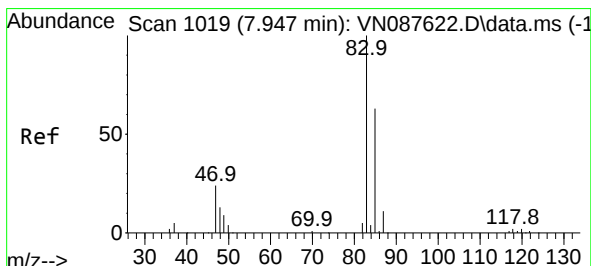
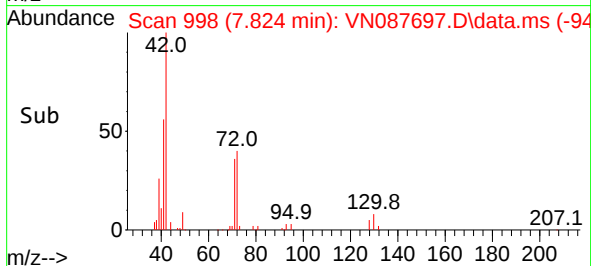
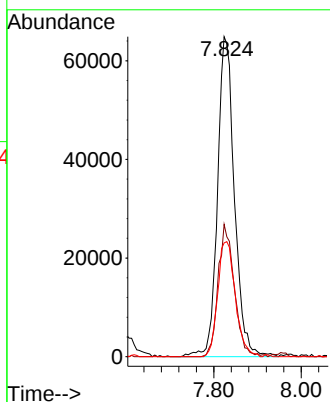
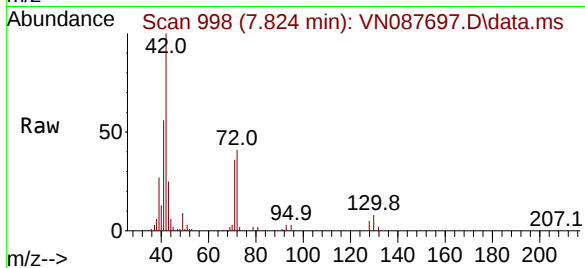
Ion	Ratio	Lower	Upper
42	100		
72	39.5	33.7	50.5
71	37.4	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 18.311 ug/l

RT: 7.953 min Scan# 1020

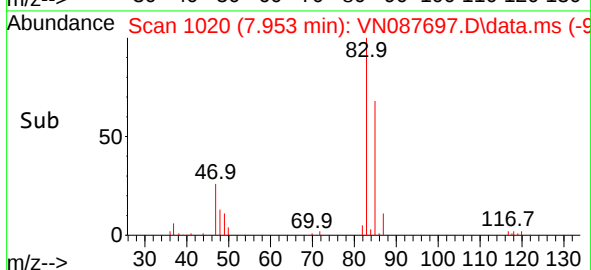
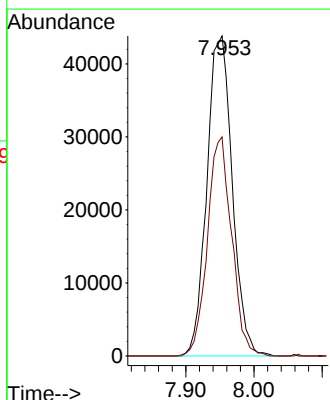
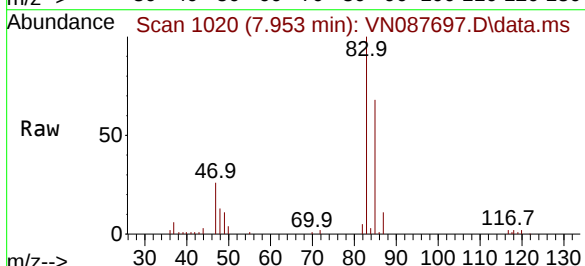
Delta R.T. 0.006 min

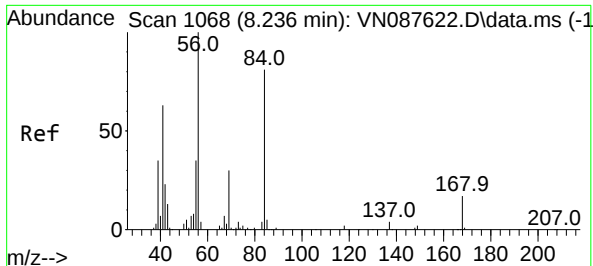
Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Tgt Ion: 83 Resp: 113878

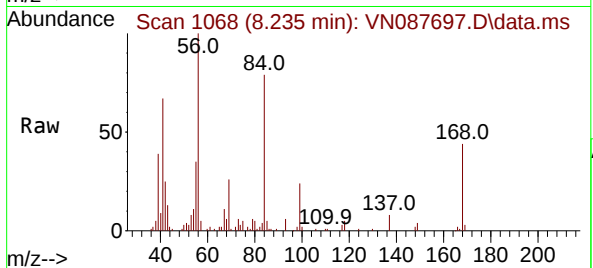
Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.7	76.1





#31
Cyclohexane
Concen: 18.151 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

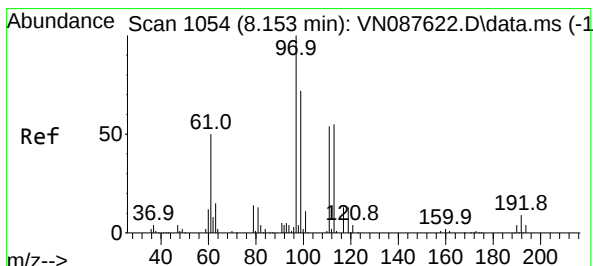
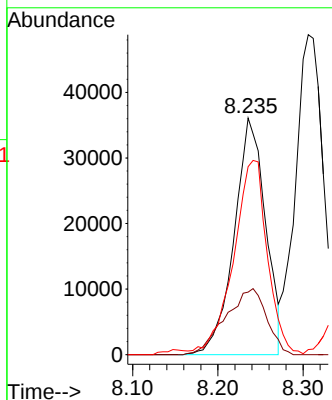
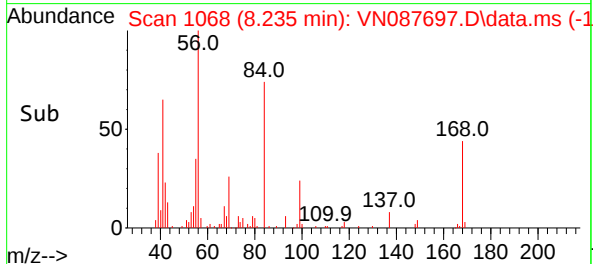
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



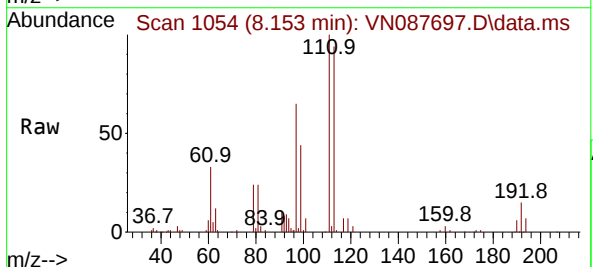
Tgt Ion: 56 Resp: 9219
Ion Ratio Lower Upper
56 100
69 25.9 23.7 35.5
84 77.5 64.7 97.1

Manual Integrations
APPROVED

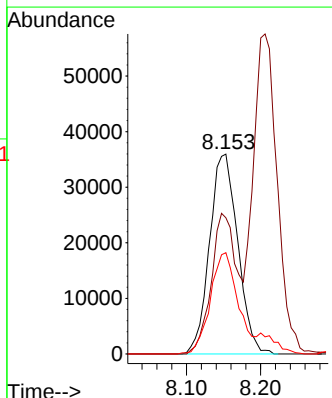
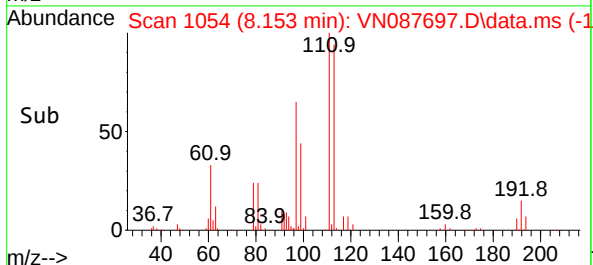
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

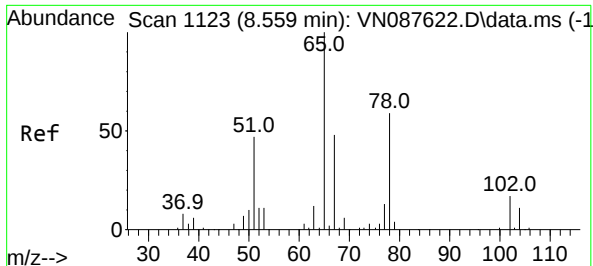


#32
1,1,1-Trichloroethane
Concen: 18.022 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



Tgt Ion: 97 Resp: 94983
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 50.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.048 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 65 Resp: 18595

Ion Ratio Lower Upper

65 100

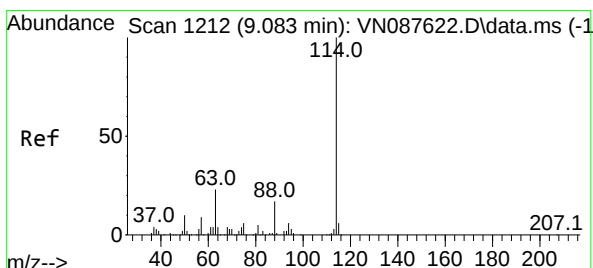
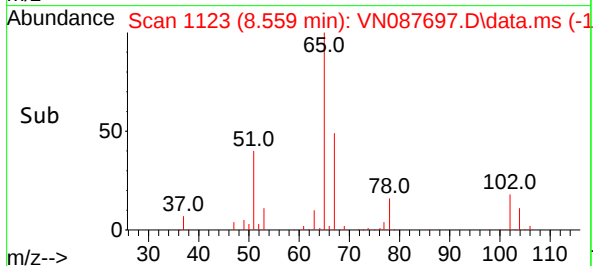
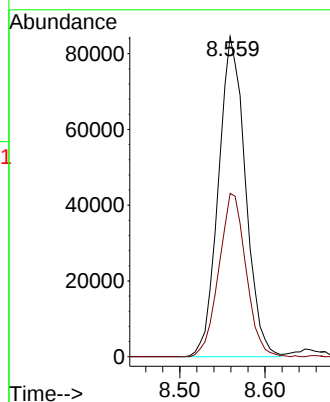
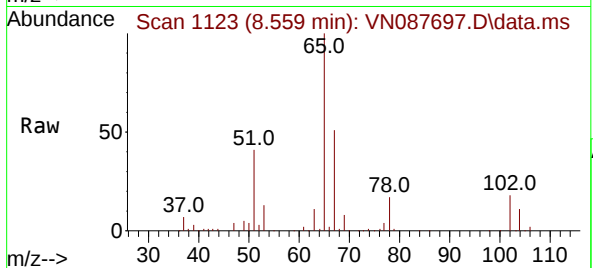
67 51.1 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

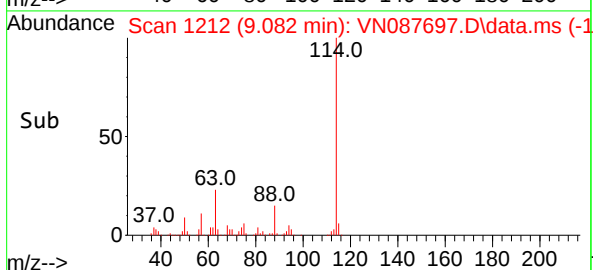
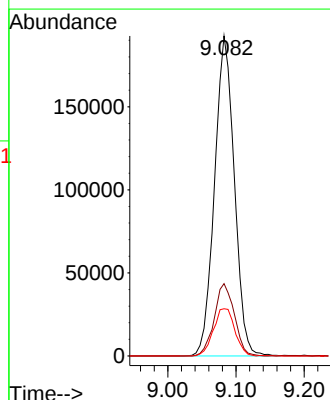
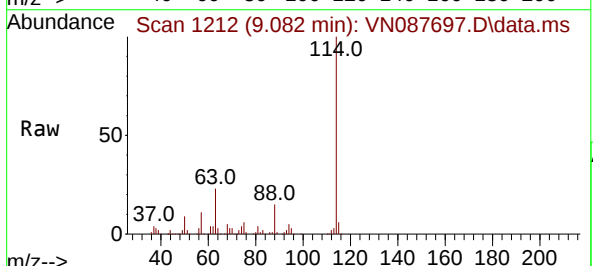
Tgt Ion:114 Resp: 389682

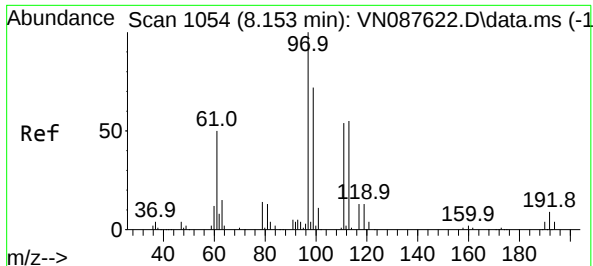
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 14.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.787 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 113 Resp: 131630

Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

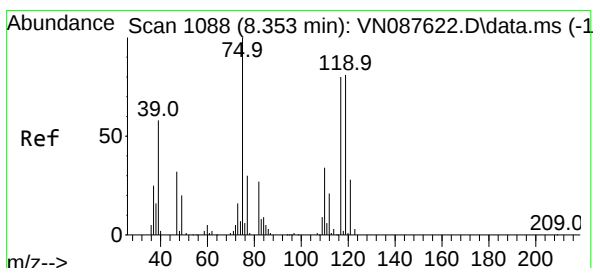
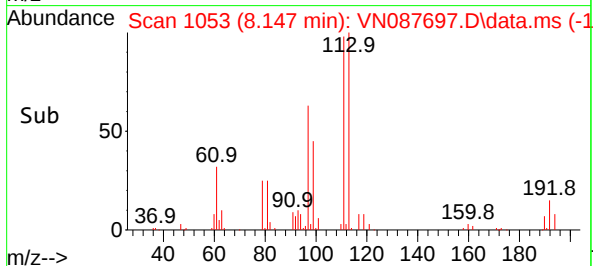
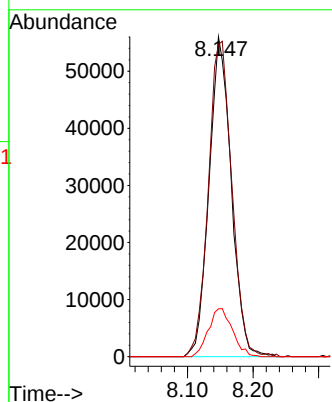
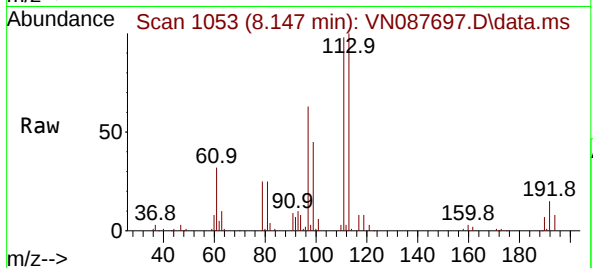
192 16.3 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#36

1,1-Dichloropropene

Concen: 17.017 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

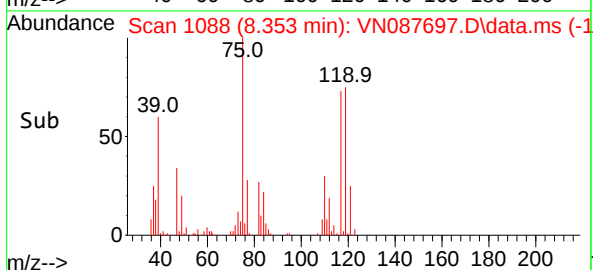
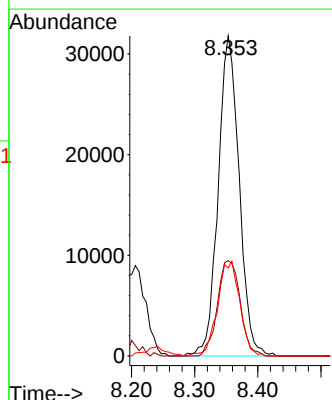
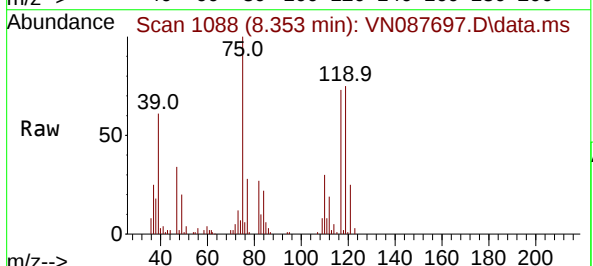
Tgt Ion: 75 Resp: 73450

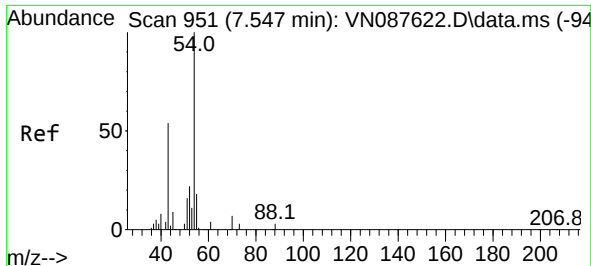
Ion Ratio Lower Upper

75 100

110 32.4 15.9 47.6

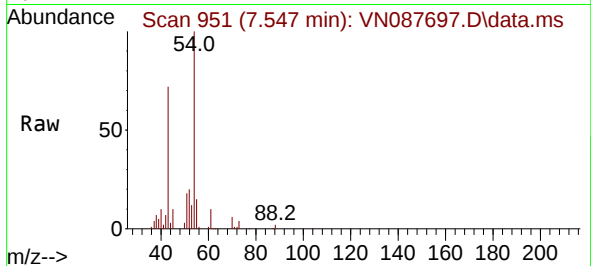
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 17.310 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

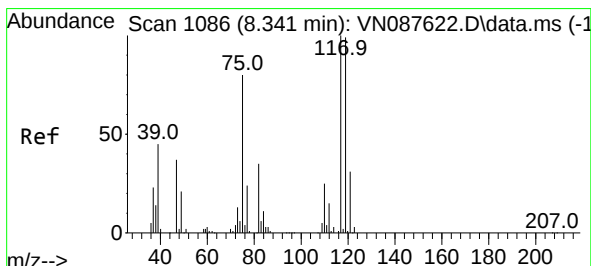
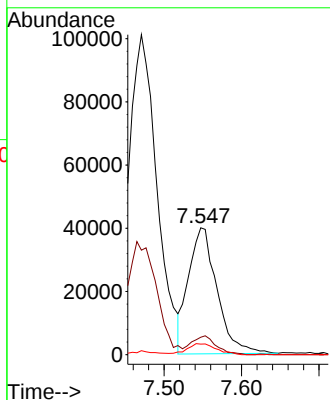
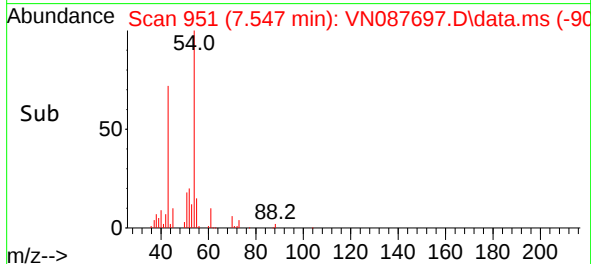
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 43 Resp: 10209
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 8.9 7.0 10.6

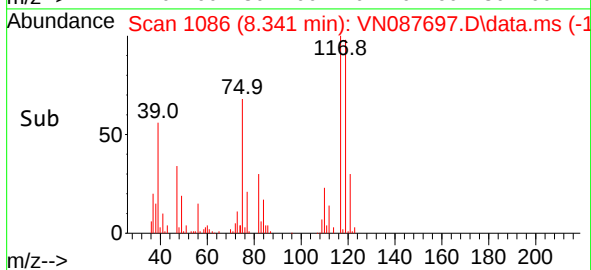
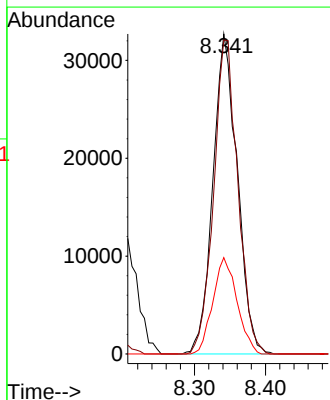
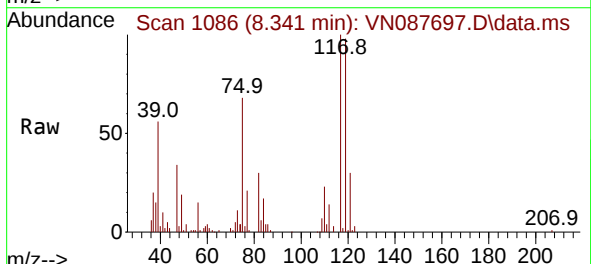
Manual Integrations
APPROVED

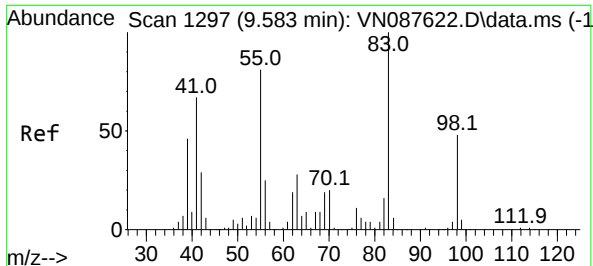
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#38
Carbon Tetrachloride
Concen: 18.244 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Tgt Ion:117 Resp: 77747
Ion Ratio Lower Upper
117 100
119 98.1 79.0 118.6
121 30.1 25.0 37.6





#39

Methylcyclohexane

Concen: 17.308 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBSD01

Tgt Ion: 83 Resp: 82240

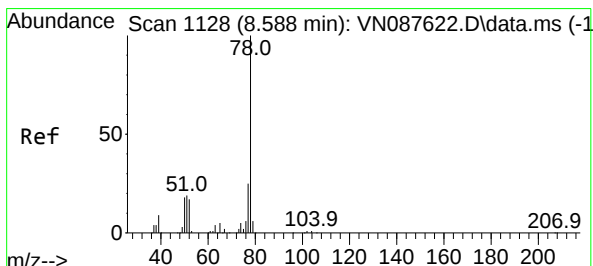
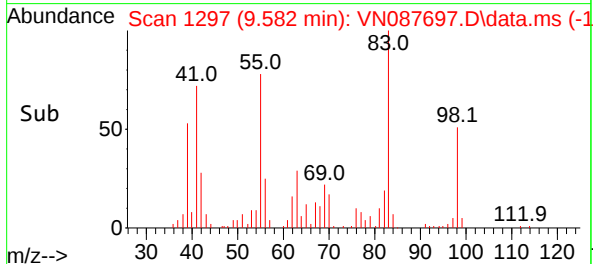
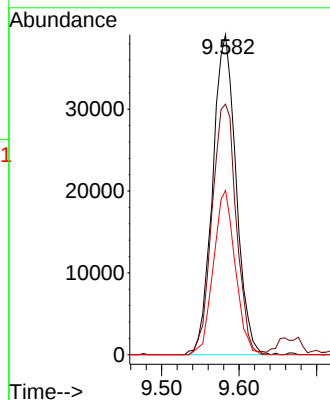
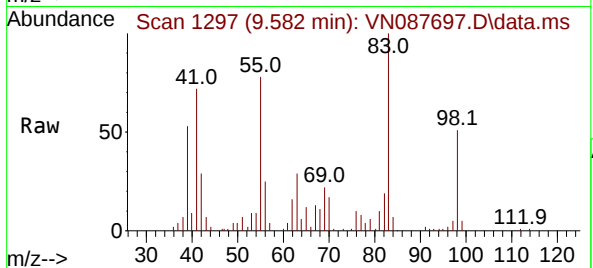
Ion	Ratio	Lower	Upper
83	100		
55	78.3	64.6	96.8
98	51.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#40

Benzene

Concen: 17.611 ug/l

RT: 8.588 min Scan# 1128

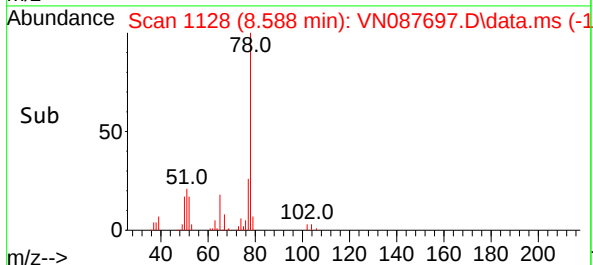
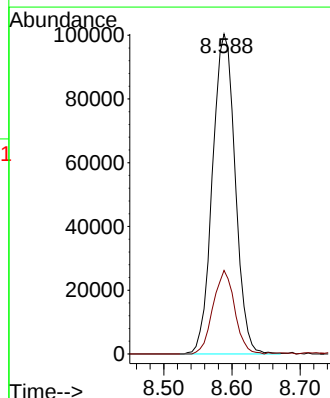
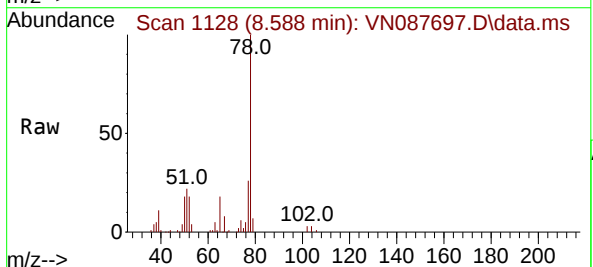
Delta R.T. -0.000 min

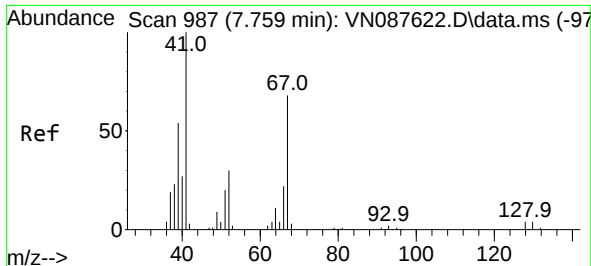
Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Tgt Ion: 78 Resp: 233140

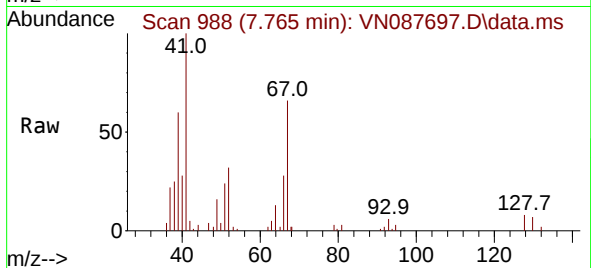
Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.7	29.5





#41
Methacrylonitrile
Concen: 17.030 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

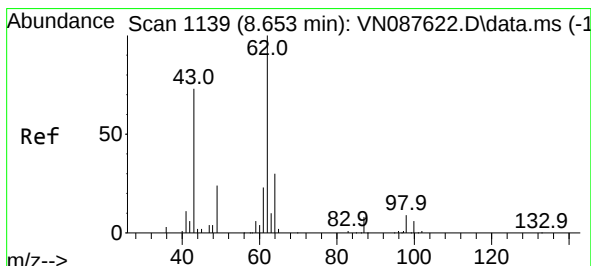
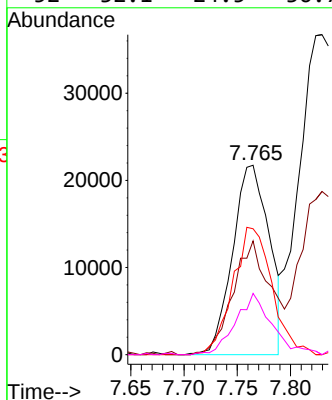
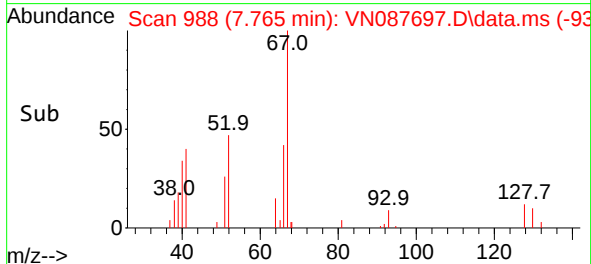
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion: 41 Resp: 5203
Ion Ratio Lower Upper
41 100
39 62.6 45.4 68.0
67 71.7 55.3 82.9
52 32.1 24.5 36.7

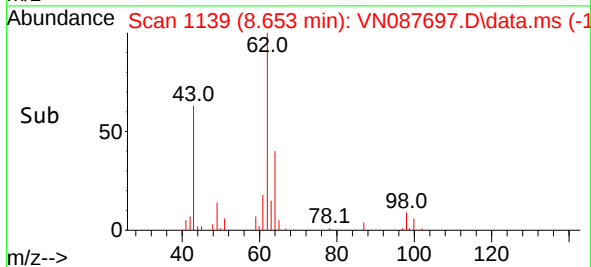
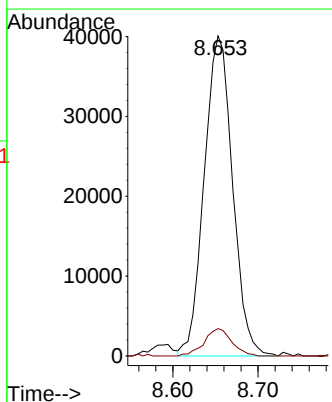
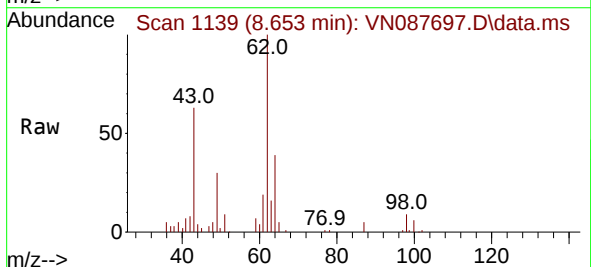
Manual Integrations
APPROVED

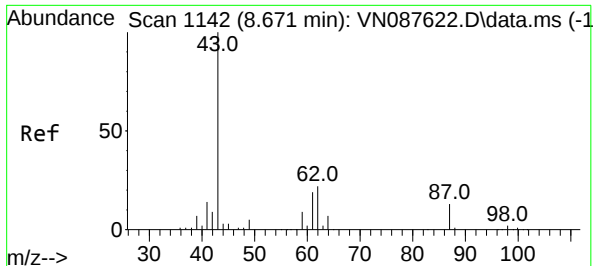
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#42
1,2-Dichloroethane
Concen: 18.262 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

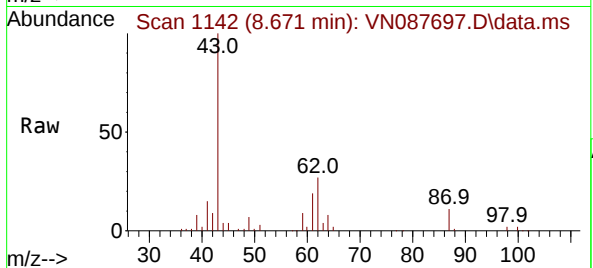
Tgt Ion: 62 Resp: 92903
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 18.324 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

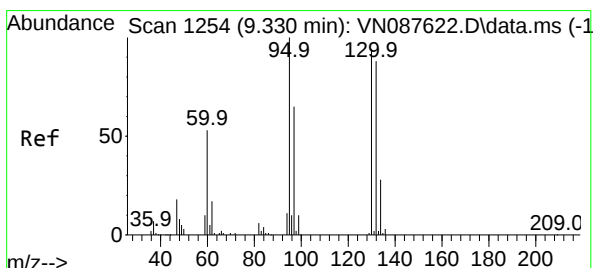
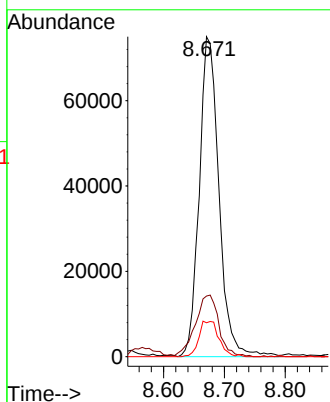
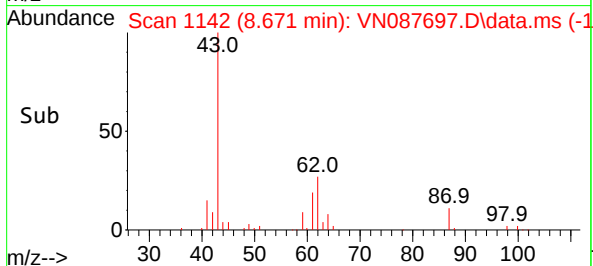
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion: 43 Resp: 168732
Ion Ratio Lower Upper
43 100
61 23.1 18.8 28.2
87 11.2 9.6 14.4

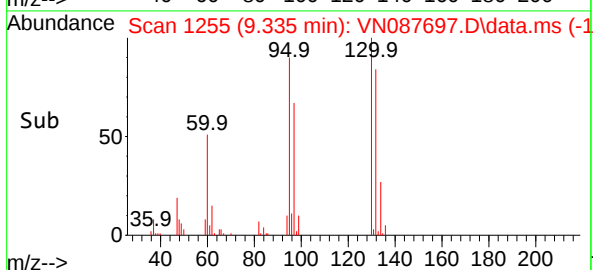
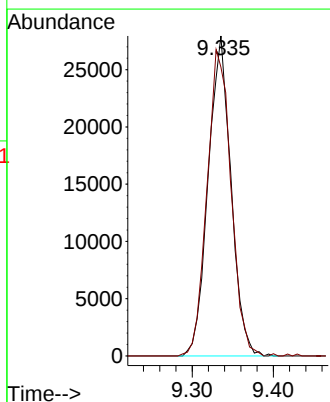
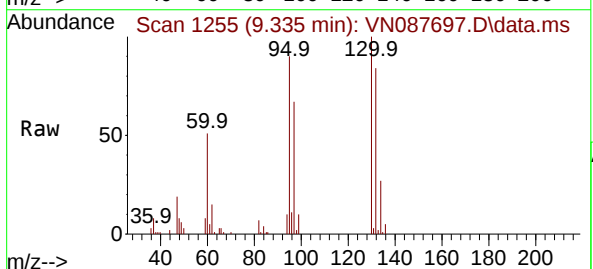
Manual Integrations
APPROVED

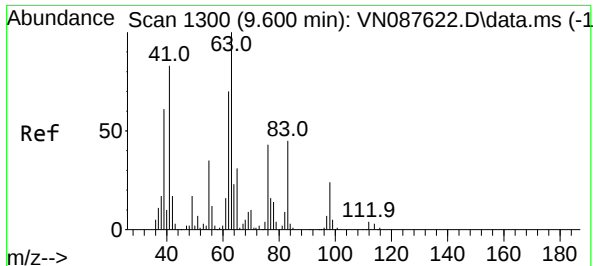
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#44
Trichloroethene
Concen: 17.996 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Tgt Ion:130 Resp: 54393
Ion Ratio Lower Upper
130 100
95 90.3 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.098 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 63 Resp: 5966

Ion Ratio Lower Upper

63 100

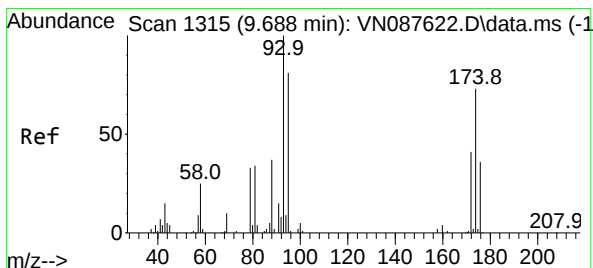
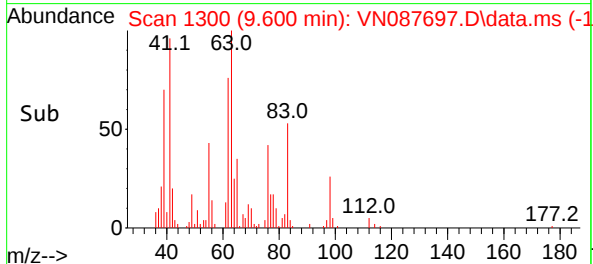
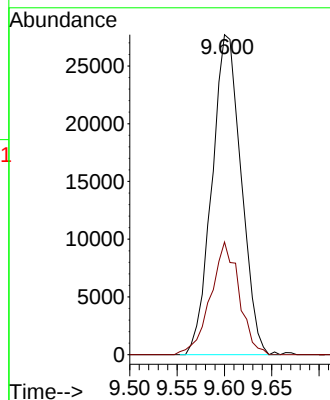
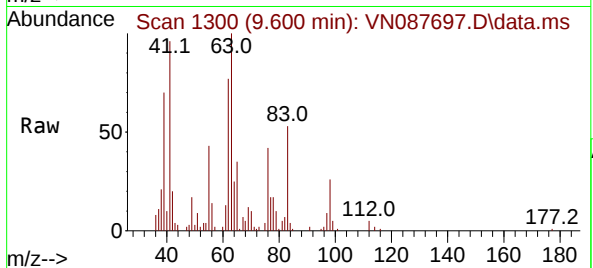
65 35.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 18.488 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

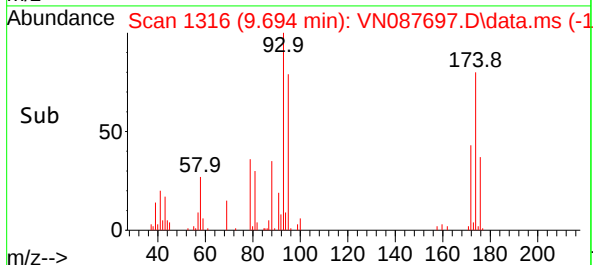
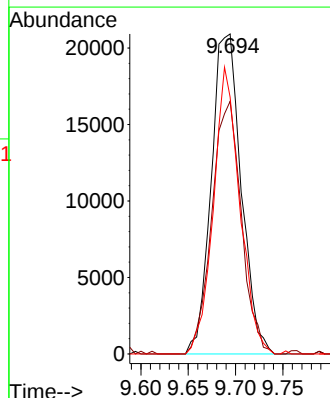
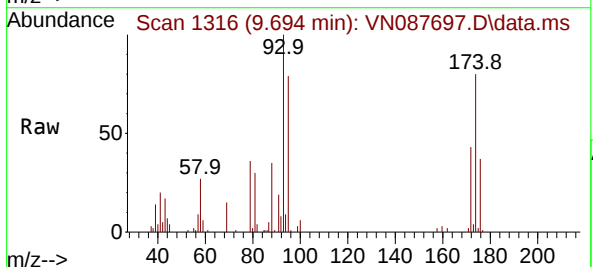
Tgt Ion: 93 Resp: 45909

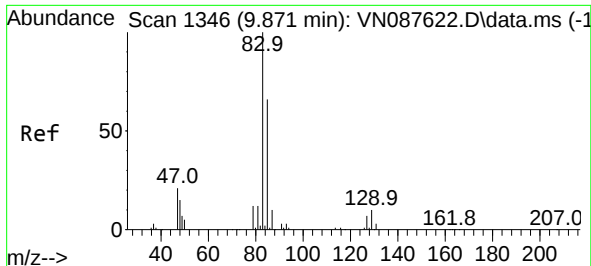
Ion Ratio Lower Upper

93 100

95 77.9 66.2 99.4

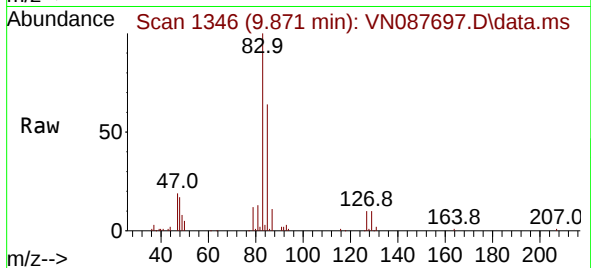
174 79.2 63.4 95.2





#47
Bromodichloromethane
Concen: 18.223 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

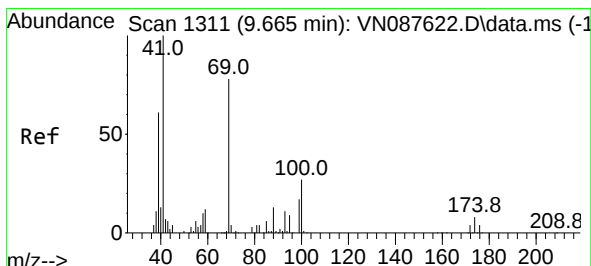
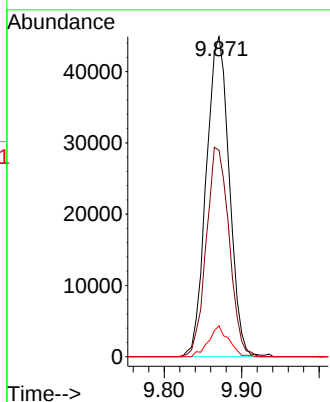
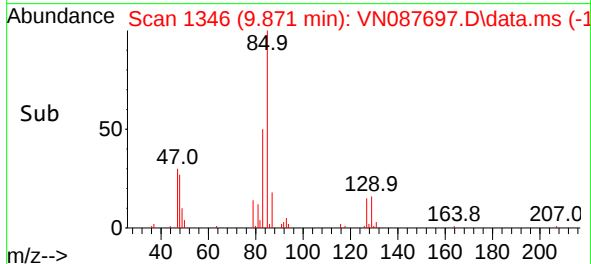
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



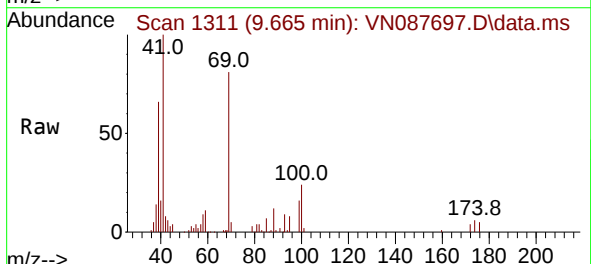
Tgt Ion: 83 Resp: 9274
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 9.6 5.8 8.6

Manual Integrations
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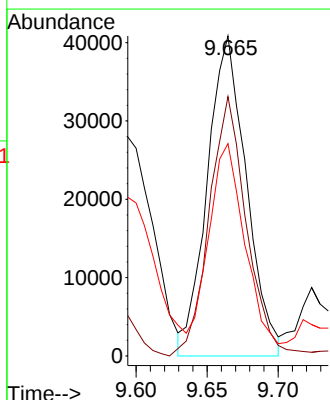
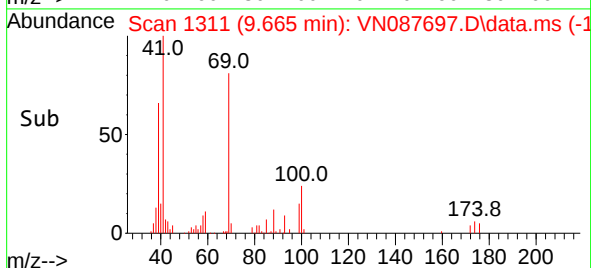
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

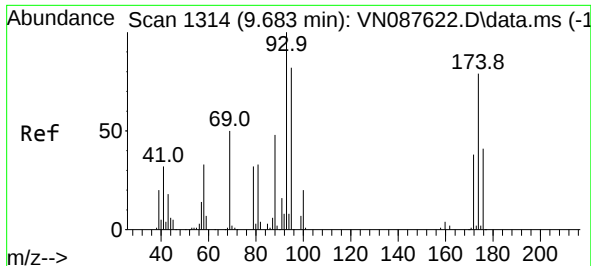


#48
Methyl methacrylate
Concen: 17.957 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



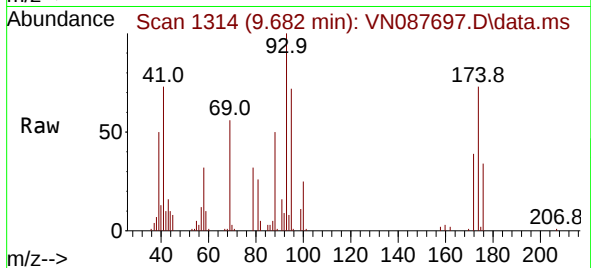
Tgt Ion: 41 Resp: 78213
Ion Ratio Lower Upper
41 100
69 77.3 62.7 94.1
39 63.1 52.9 79.3





#49
1,4-Dioxane
Concen: 412.045 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

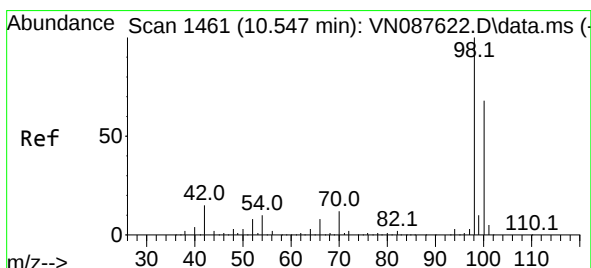
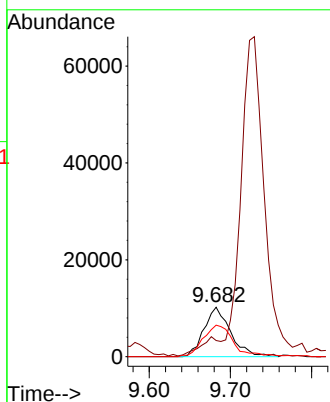
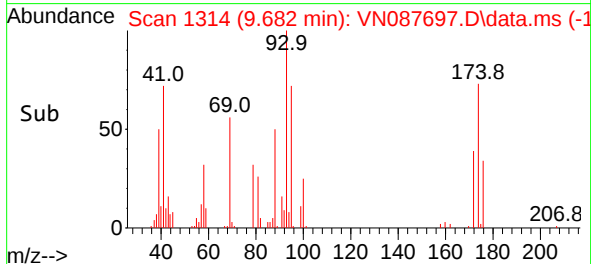
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



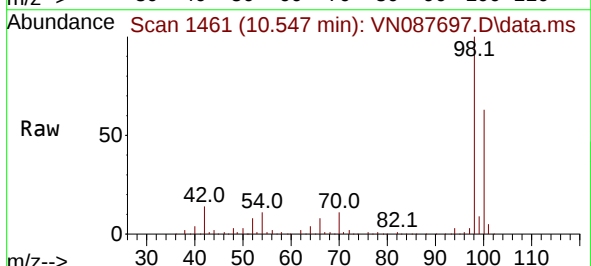
Tgt Ion: 88 Resp: 23262
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0
58 73.4 57.9 86.9

Manual Integrations
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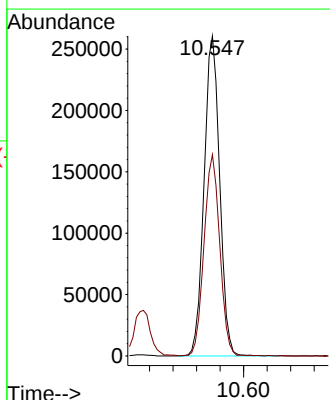
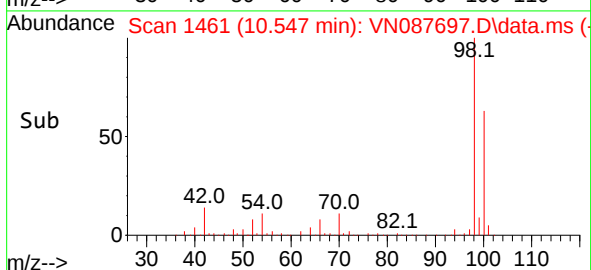
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

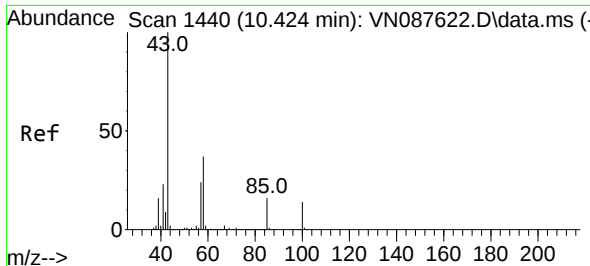


#50
Toluene-d8
Concen: 45.561 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



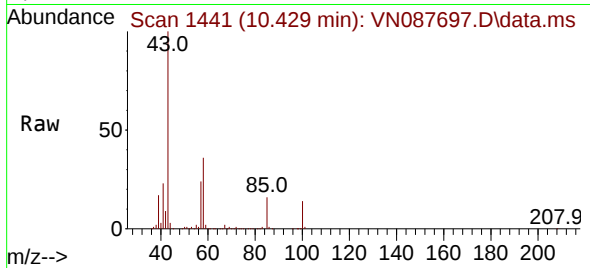
Tgt Ion: 98 Resp: 479774
Ion Ratio Lower Upper
98 100
100 63.6 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 94.723 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

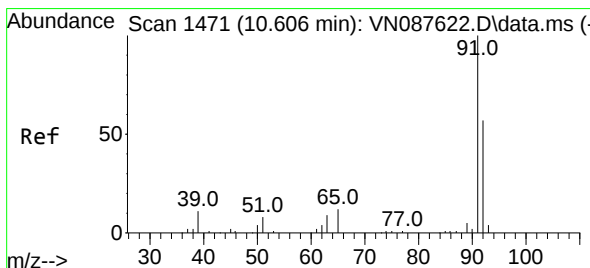
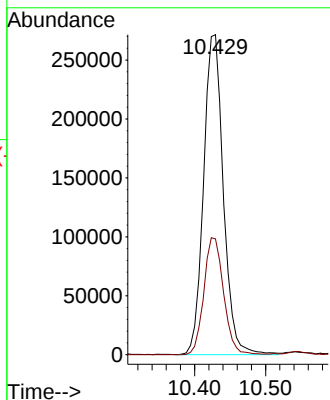
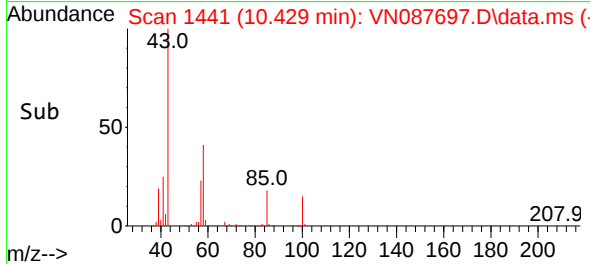
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 43 Resp: 526264
Ion Ratio Lower Upper
43 100
58 36.4 29.6 44.4

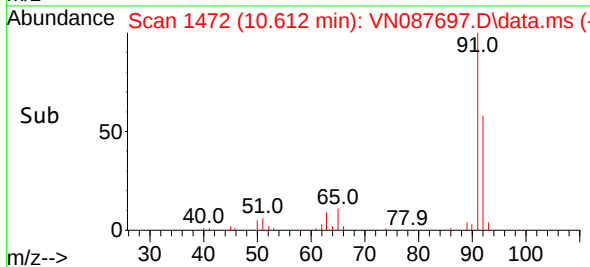
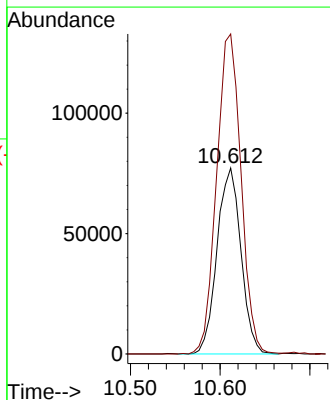
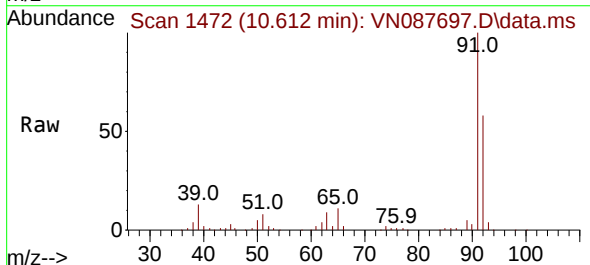
Manual Integrations
APPROVED

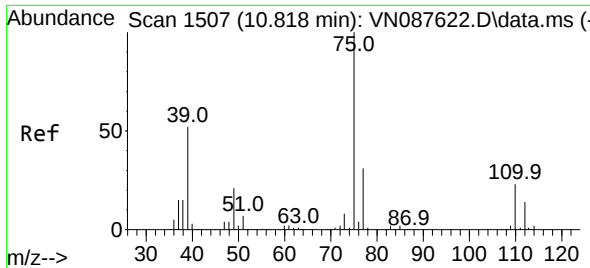
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#52
Toluene
Concen: 17.424 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

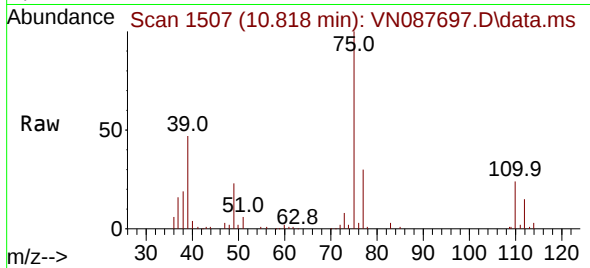
Tgt Ion: 92 Resp: 143000
Ion Ratio Lower Upper
92 100
91 175.7 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 17.914 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

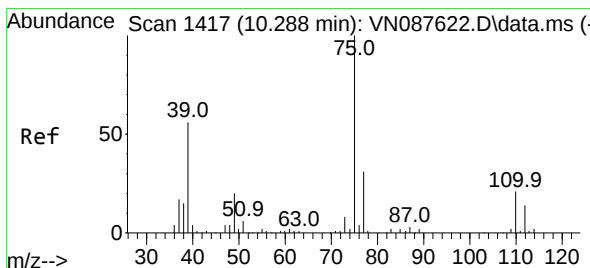
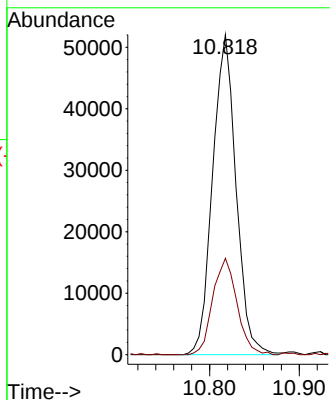
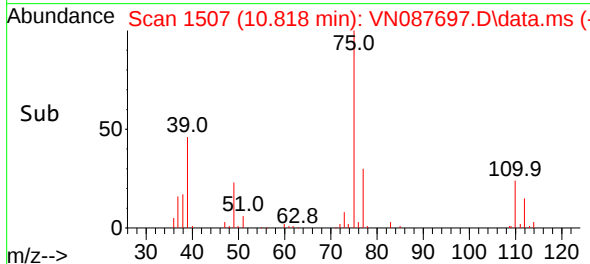
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 75 Resp: 9436
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8

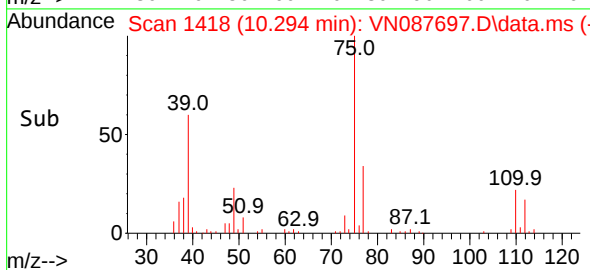
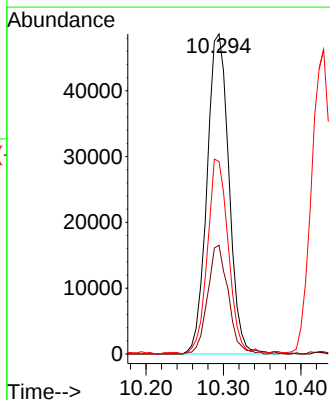
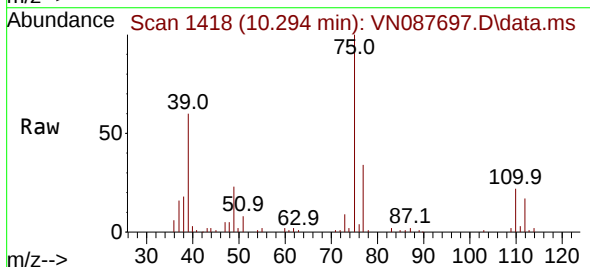
Manual Integrations
APPROVED

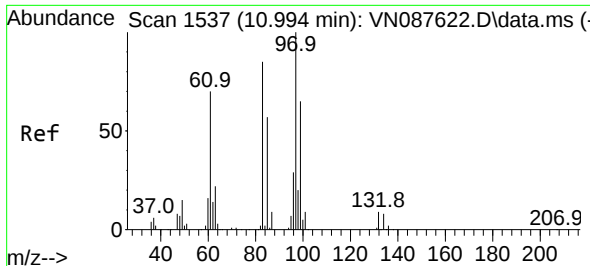
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#54
cis-1,3-Dichloropropene
Concen: 17.490 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

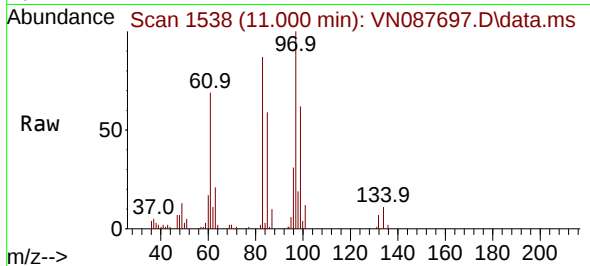
Tgt Ion: 75 Resp: 95666
Ion Ratio Lower Upper
75 100
77 34.0 24.6 37.0
39 59.7 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 18.343 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

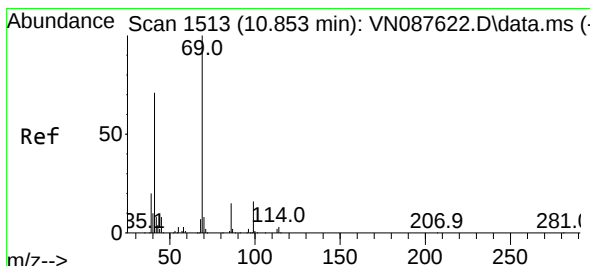
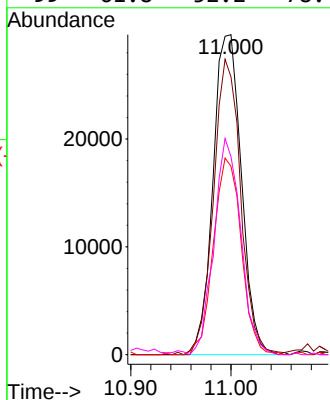
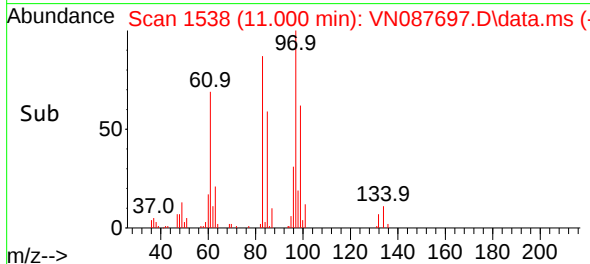
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion: 97 Resp: 58230
Ion Ratio Lower Upper
97 100
83 86.1 68.2 102.4
85 58.8 45.5 68.3
99 61.8 52.2 78.4

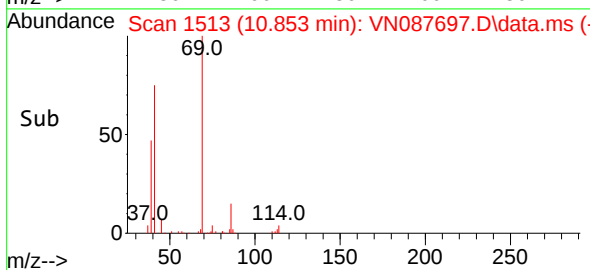
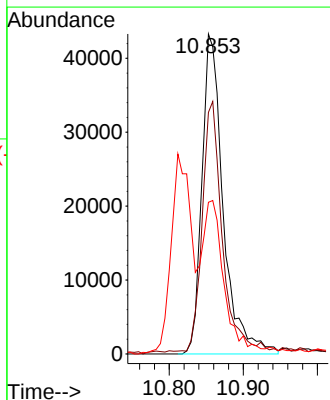
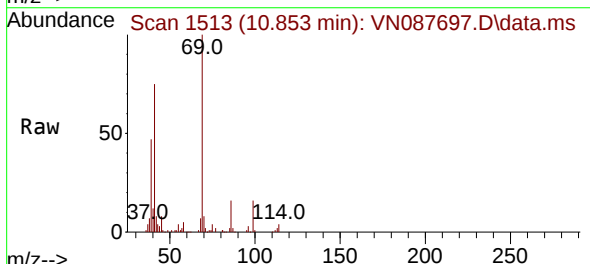
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#56
Ethyl methacrylate
Concen: 17.000 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

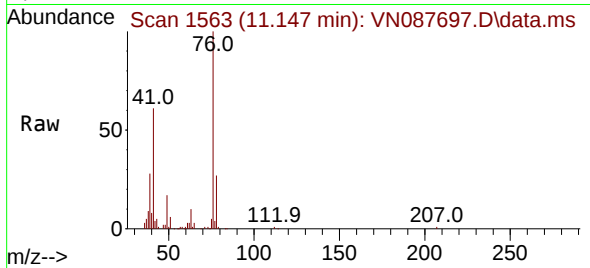
Tgt Ion: 69 Resp: 86258
Ion Ratio Lower Upper
69 100
41 74.0 56.5 84.7
39 42.6 34.2 51.4





#57
1,3-Dichloropropane
Concen: 18.055 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

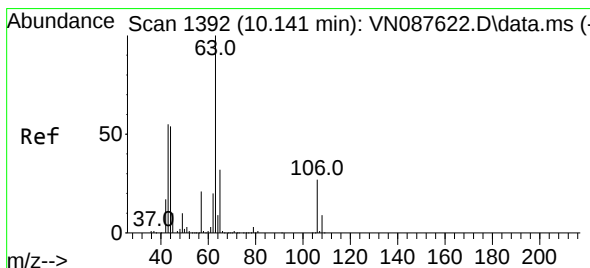
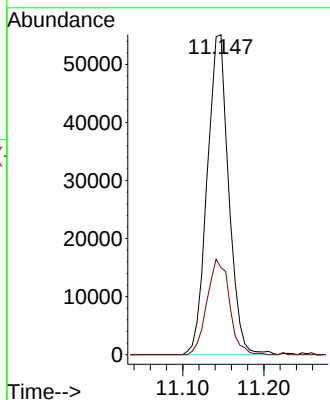
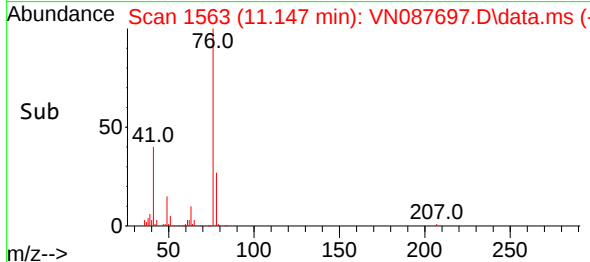
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 76 Resp: 101449
Ion Ratio Lower Upper
76 100
78 31.2 26.2 39.4

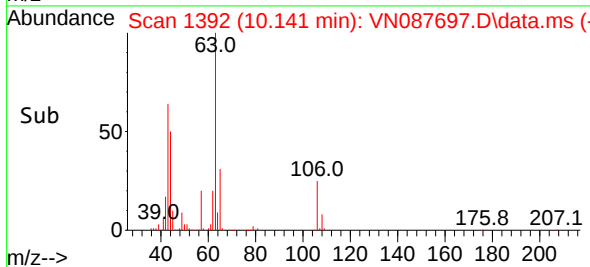
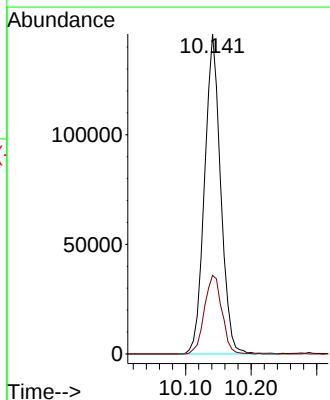
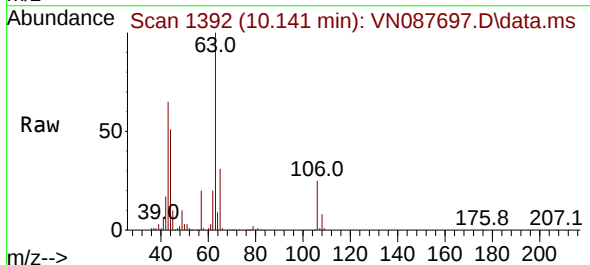
Manual Integrations
APPROVED

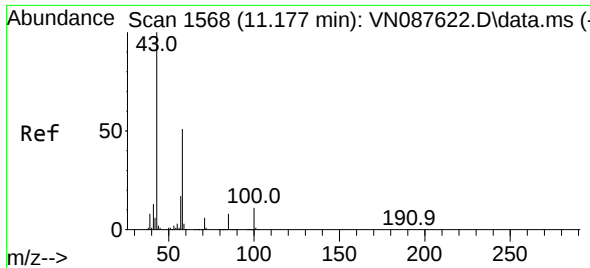
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 90.918 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

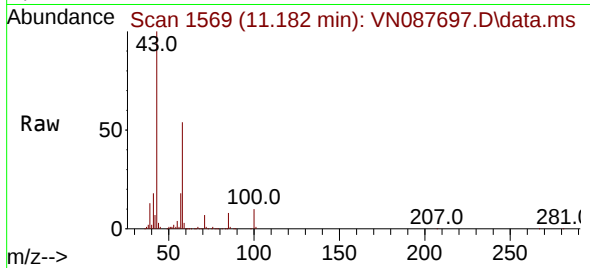
Tgt Ion: 63 Resp: 249685
Ion Ratio Lower Upper
63 100
106 26.7 21.1 31.7





#59
2-Hexanone
Concen: 91.449 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

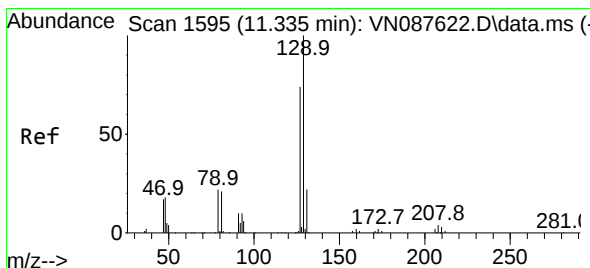
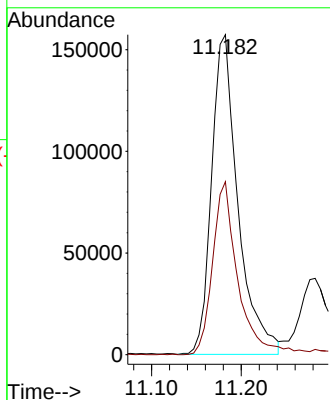
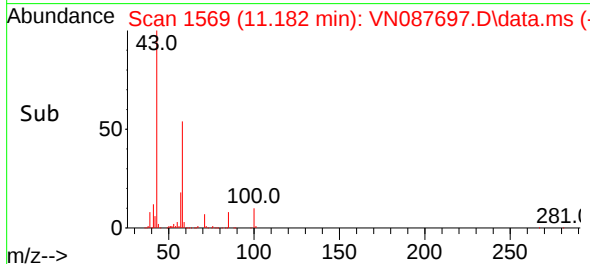
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



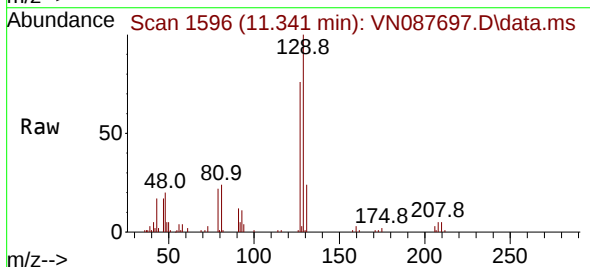
Tgt Ion: 43 Resp: 321102
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8

Manual Integrations
APPROVED

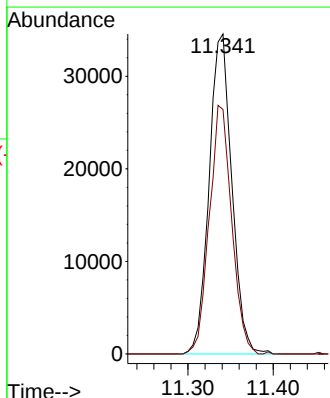
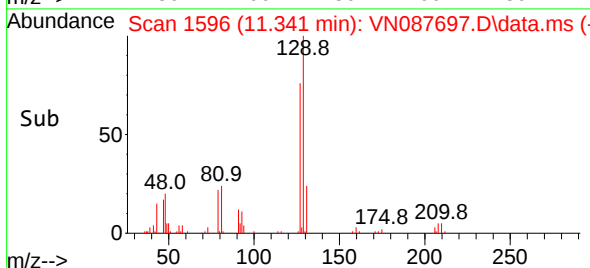
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

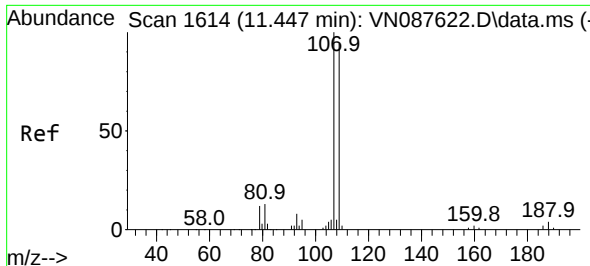


#60
Dibromochloromethane
Concen: 17.386 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



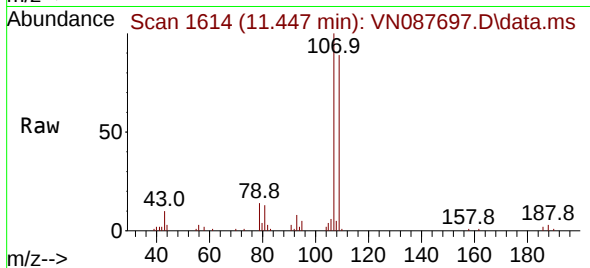
Tgt Ion:129 Resp: 63960
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 17.468 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

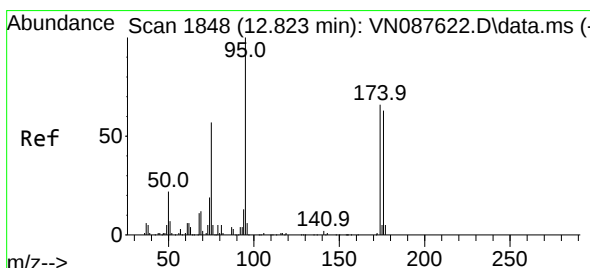
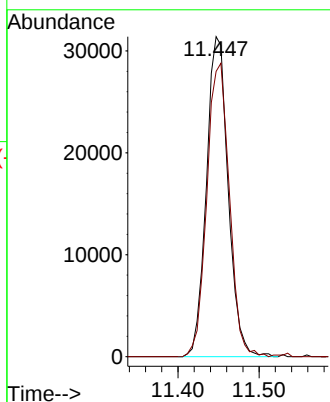
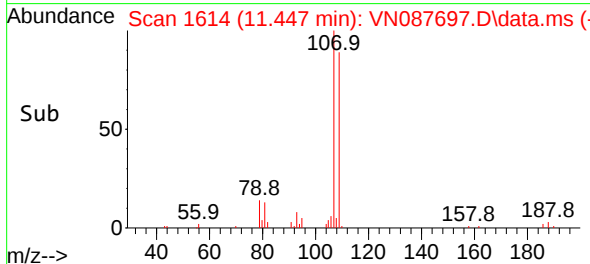
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion:107 Resp: 5847
Ion Ratio Lower Upper
107 100
109 95.0 74.7 112.1

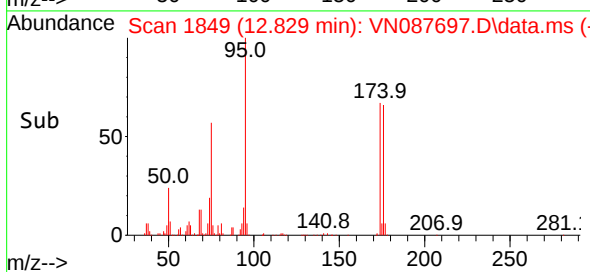
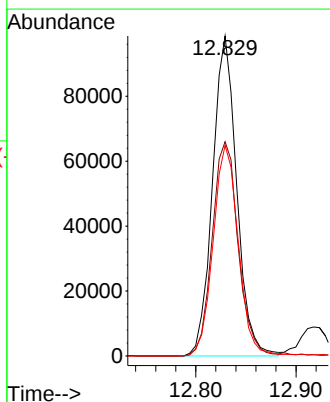
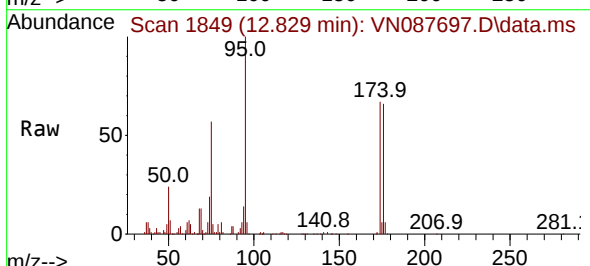
Manual Integrations
APPROVED

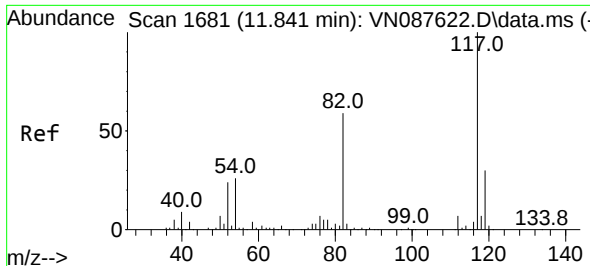
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#62
4-Bromofluorobenzene
Concen: 44.102 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

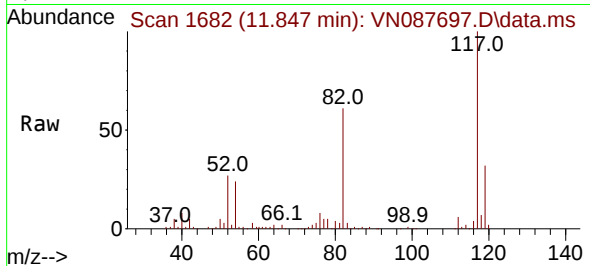
Tgt Ion: 95 Resp: 165160
Ion Ratio Lower Upper
95 100
174 71.6 0.0 138.4
176 68.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

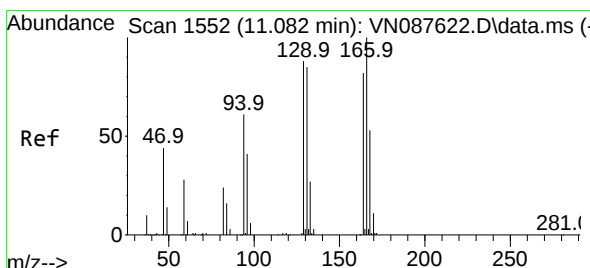
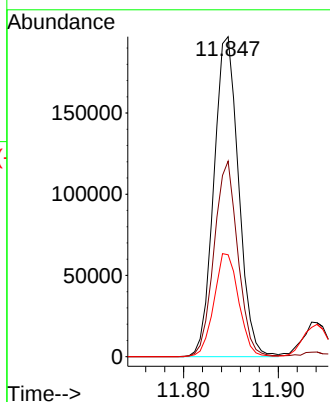
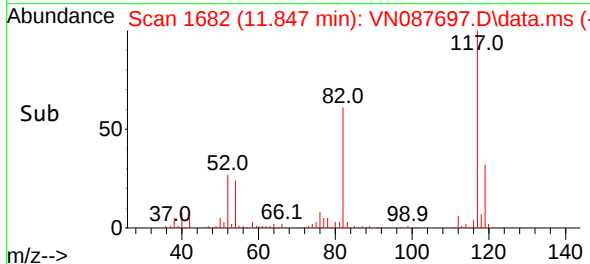
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



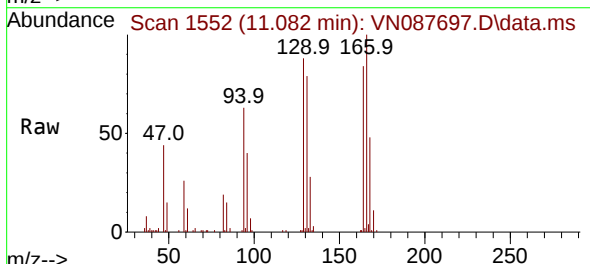
Tgt Ion:117 Resp: 357672
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.9 24.3 36.5

Manual Integrations
APPROVED

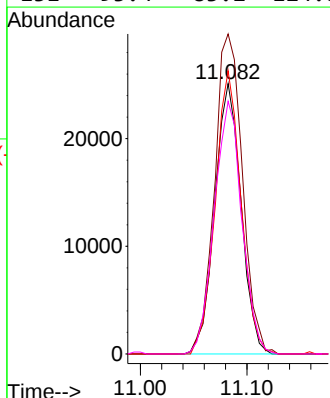
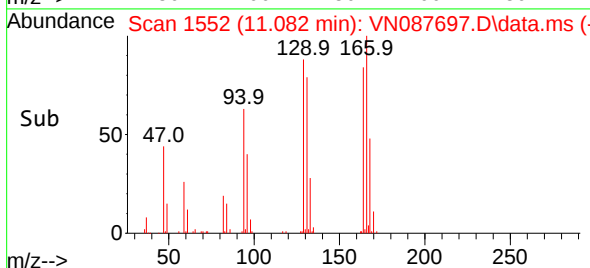
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

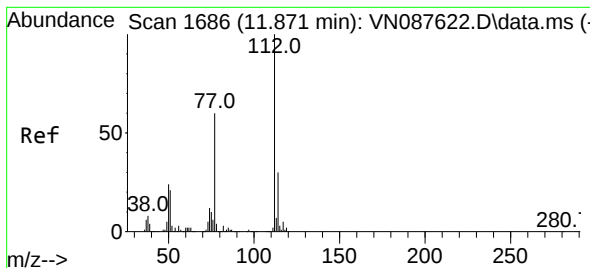


#64
Tetrachloroethene
Concen: 17.349 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



Tgt Ion:164 Resp: 43051
Ion Ratio Lower Upper
164 100
166 118.3 97.7 146.5
129 104.7 85.9 128.9
131 93.4 83.2 124.8





#65

Chlorobenzene

Concen: 17.236 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

Tgt Ion:112 Resp: 153370

Ion Ratio Lower Upper

112 100

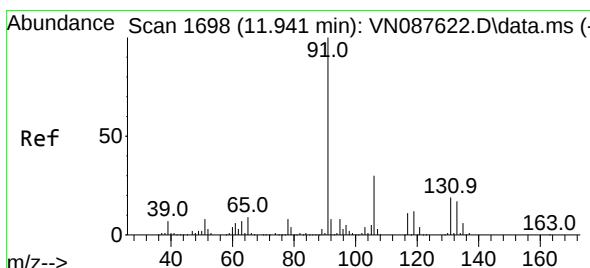
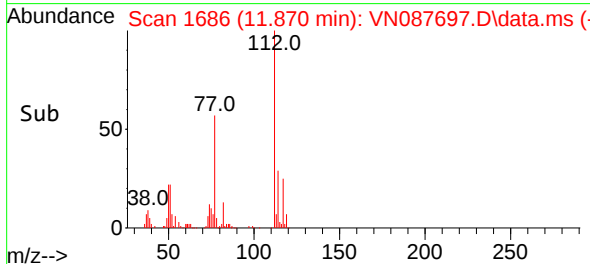
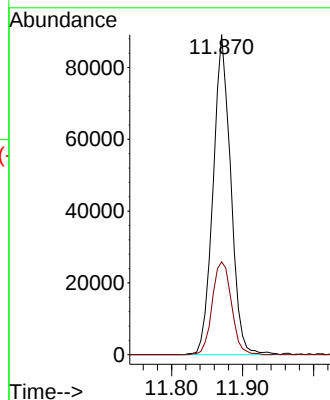
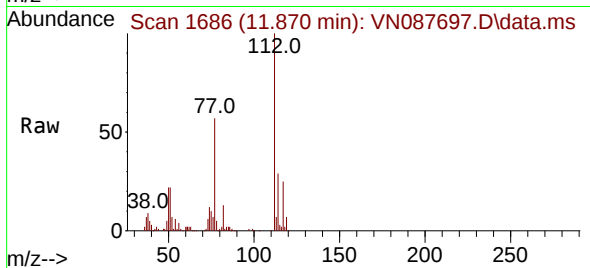
114 29.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 18.057 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

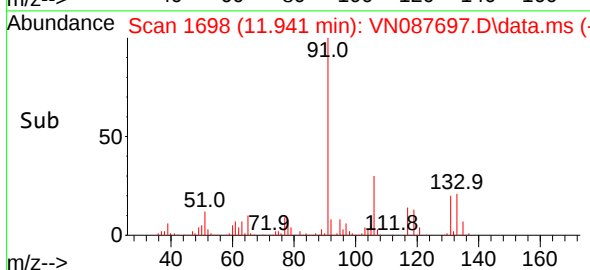
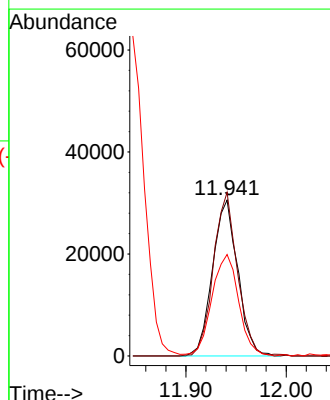
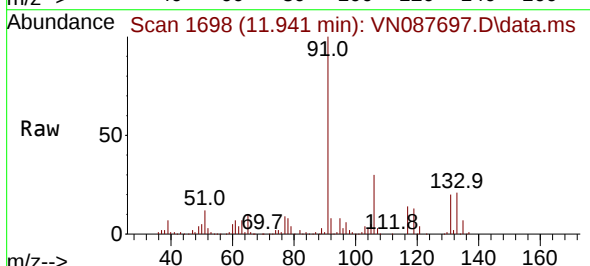
Tgt Ion:131 Resp: 53342

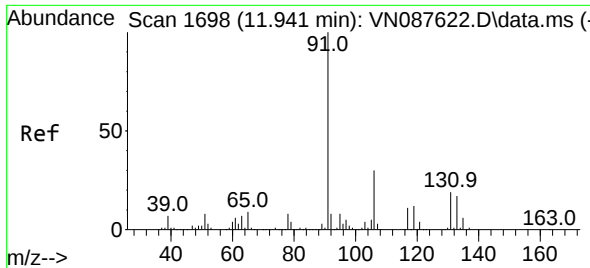
Ion Ratio Lower Upper

131 100

133 100.3 48.0 144.0

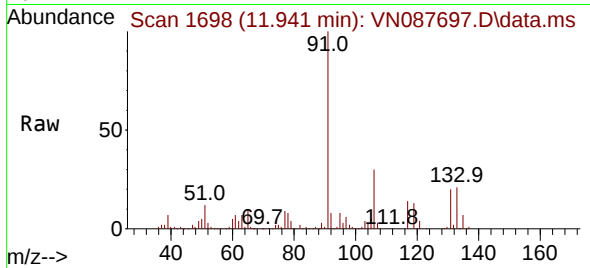
119 69.4 32.6 97.7





#67
Ethyl Benzene
Concen: 17.604 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

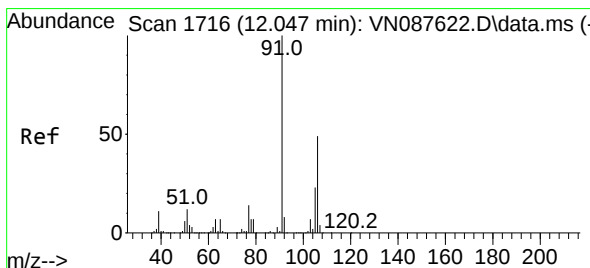
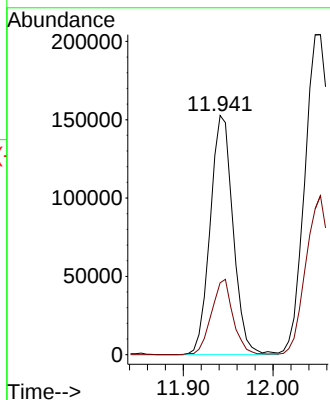
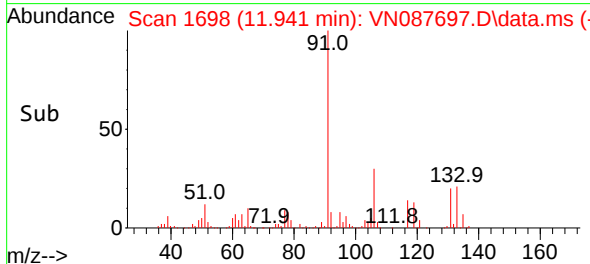
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 91 Resp: 271225
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

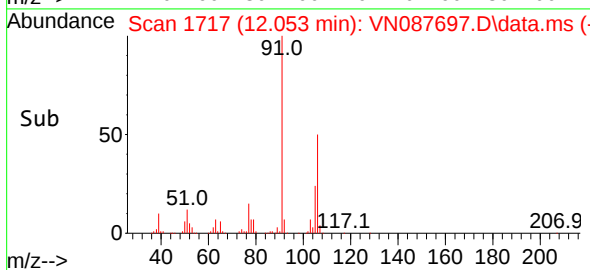
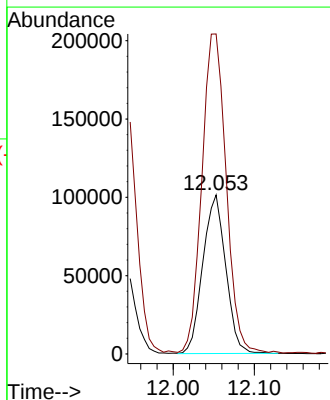
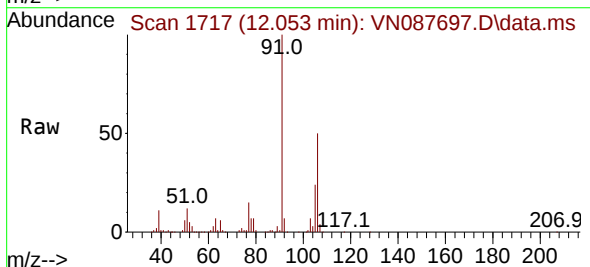
Manual Integrations
APPROVED

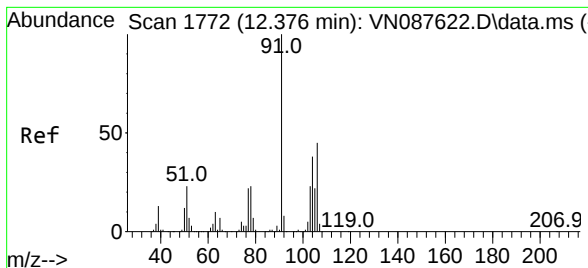
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#68
m/p-Xylenes
Concen: 35.083 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

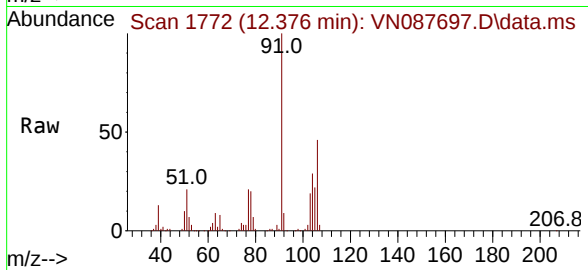
Tgt Ion:106 Resp: 198230
Ion Ratio Lower Upper
106 100
91 213.9 169.3 253.9





#69
o-Xylene
Concen: 17.315 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

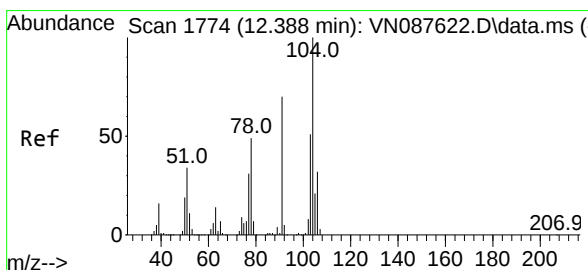
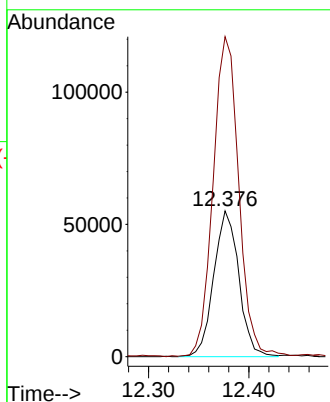
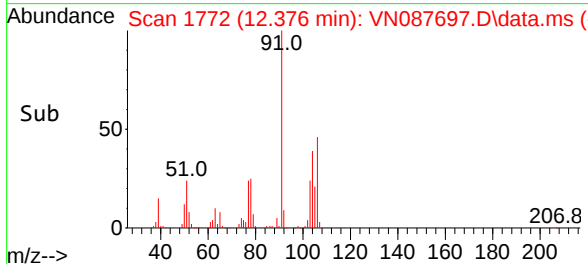
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



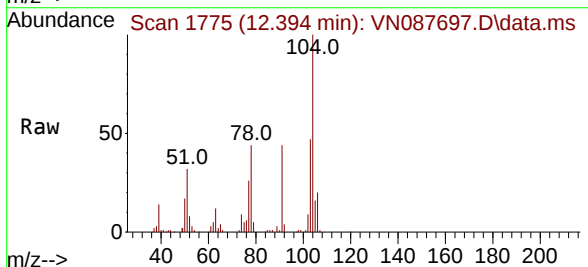
Tgt Ion:106 Resp: 95878
Ion Ratio Lower Upper
106 100
91 225.1 111.4 334.2

Manual Integrations
APPROVED

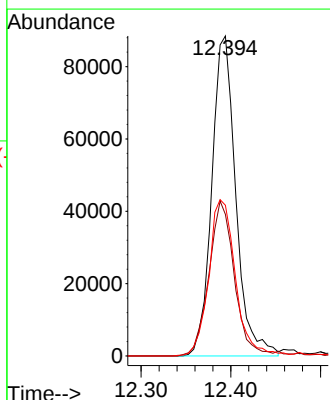
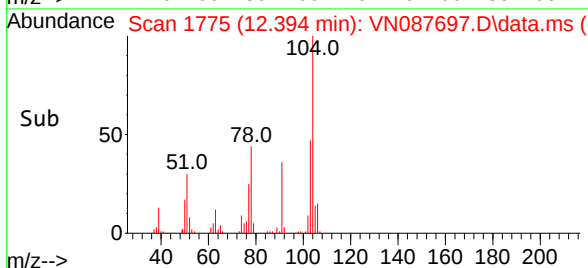
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

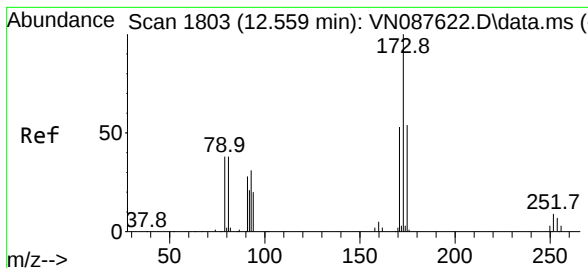


#70
Styrene
Concen: 17.734 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



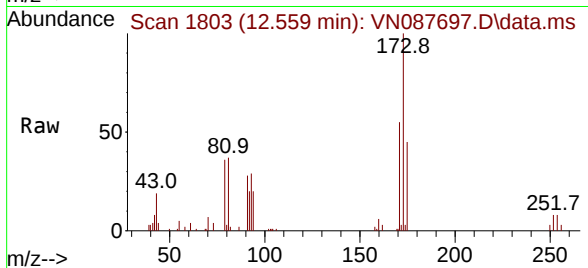
Tgt Ion:104 Resp: 164513
Ion Ratio Lower Upper
104 100
78 51.7 42.2 63.2
103 54.3 43.4 65.2





#71
Bromoform
Concen: 18.619 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

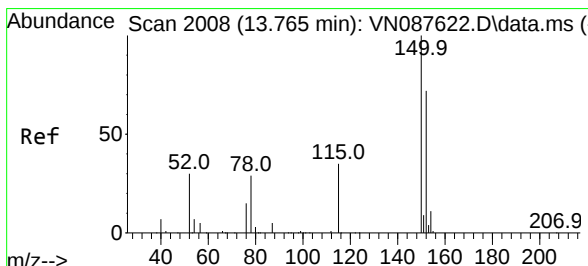
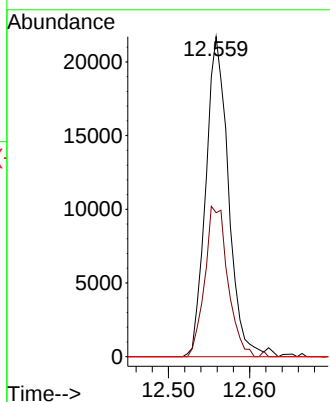
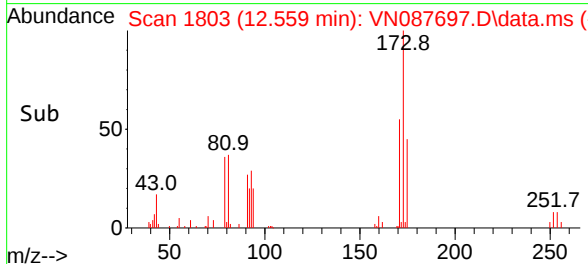
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



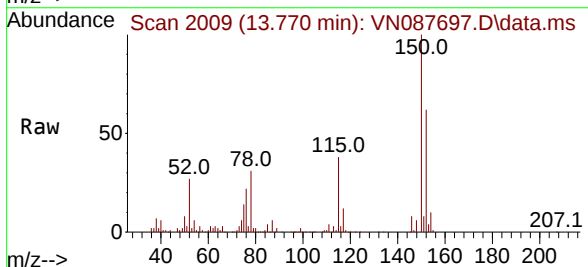
Tgt Ion:173 Resp: 4218
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
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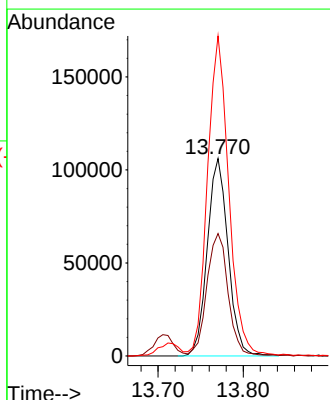
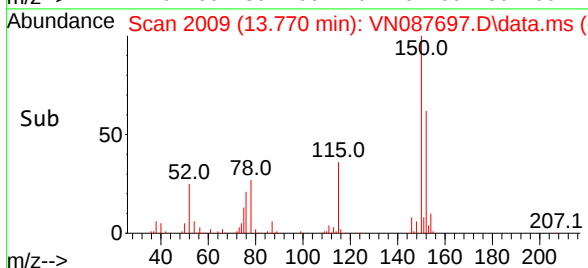
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

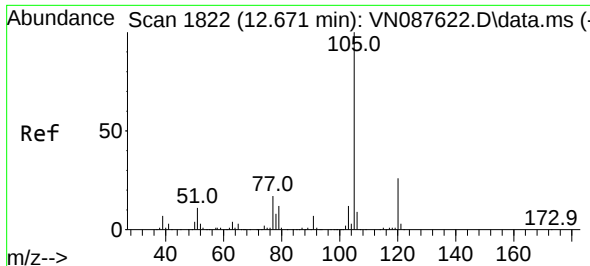


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



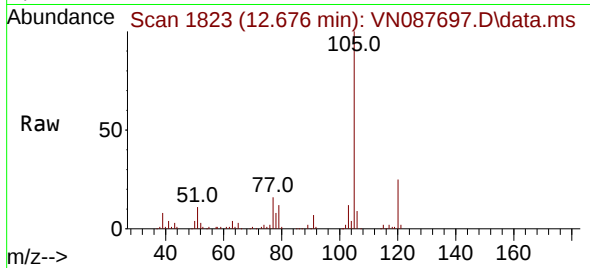
Tgt Ion:152 Resp: 180345
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 164.2 0.0 351.0





#73
Isopropylbenzene
Concen: 17.354 ug/l
RT: 12.676 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

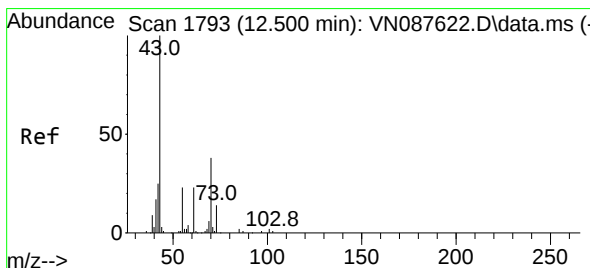
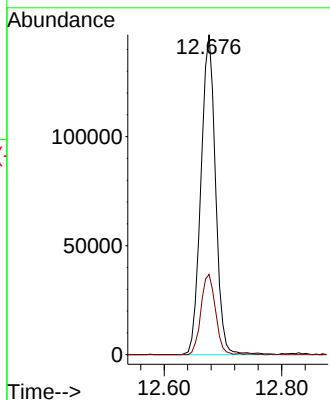
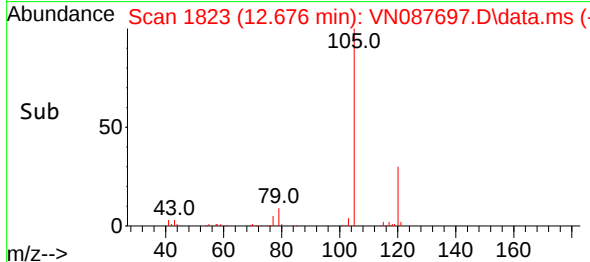
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion: 105 Resp: 25290
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3

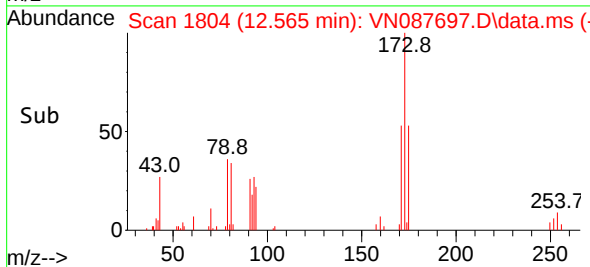
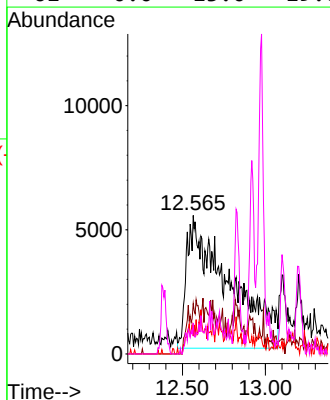
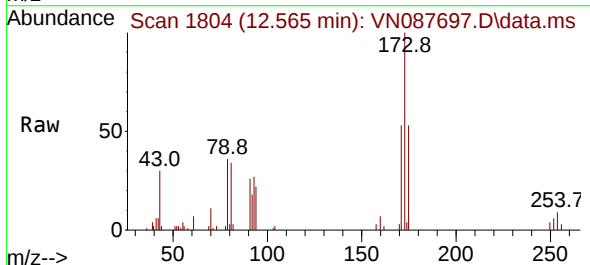
Manual Integrations
APPROVED

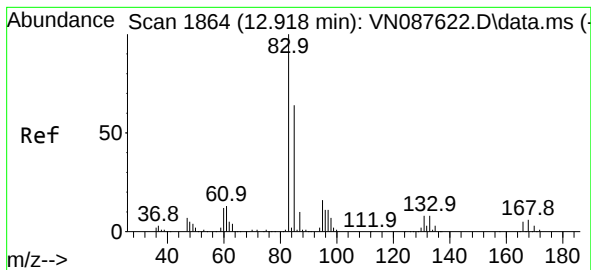
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#74
N-ethyl acetate
Concen: 17.028 ug/l m
RT: 12.565 min Scan# 1804
Delta R.T. 0.065 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

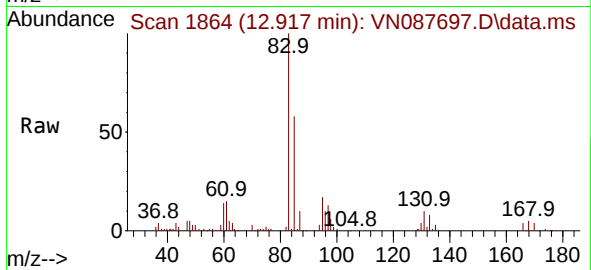
Tgt Ion: 43 Resp: 94039
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.1 13.0 19.6#
61 0.0 13.0 19.6#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.694 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57

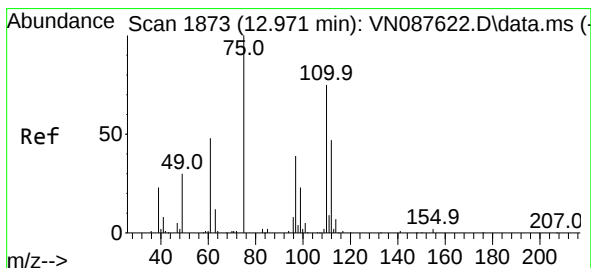
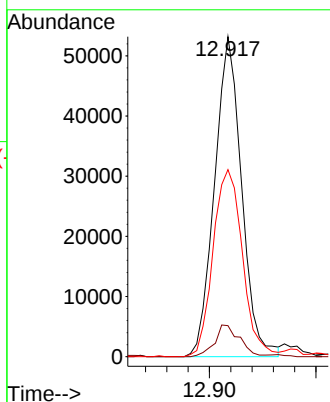
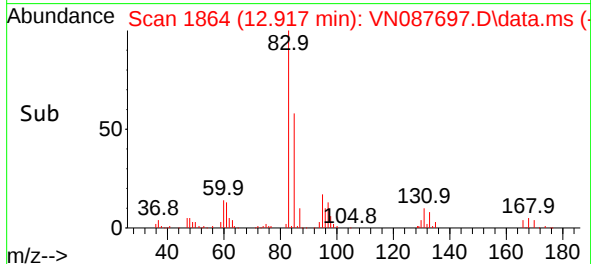
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01



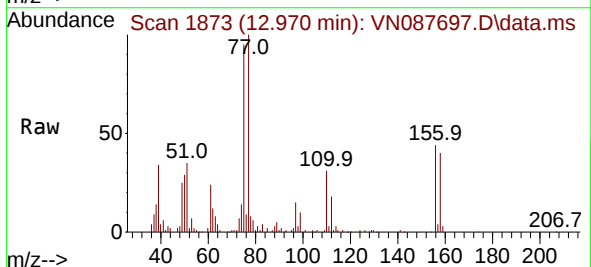
Tgt Ion: 83 Resp: 93798
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.4
 85 63.5 32.1 96.3

Manual Integrations
 APPROVED

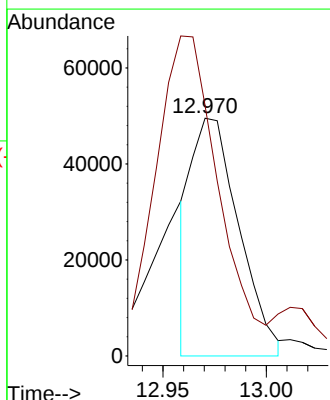
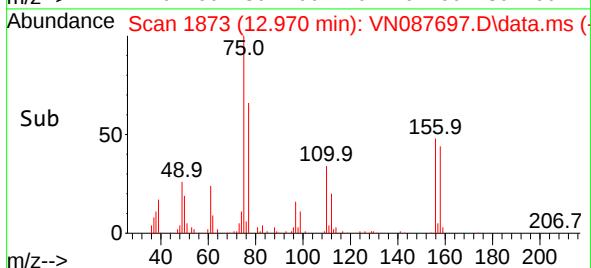
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

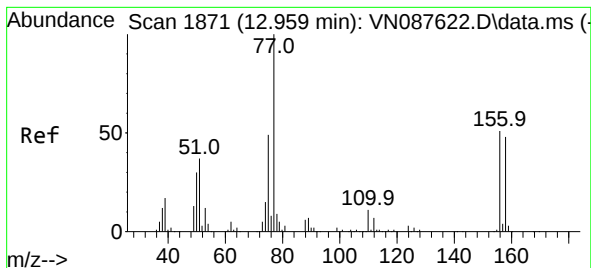


#76
 1,2,3-Trichloropropane
 Concen: 18.774 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087697.D
 Acq: 29 Aug 2025 13:57



Tgt Ion: 75 Resp: 79399
 Ion Ratio Lower Upper
 75 100
 77 181.7 89.1 267.4





#77

Bromobenzene

Concen: 17.785 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBSD01

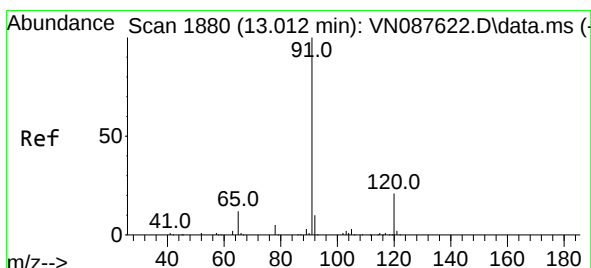
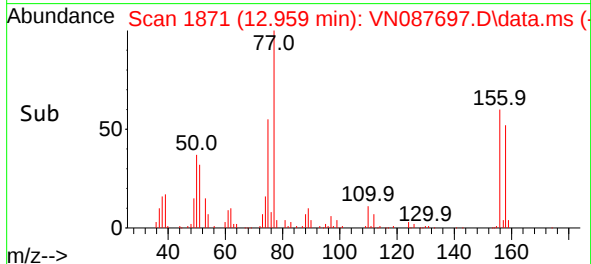
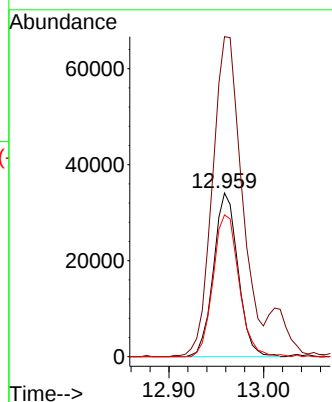
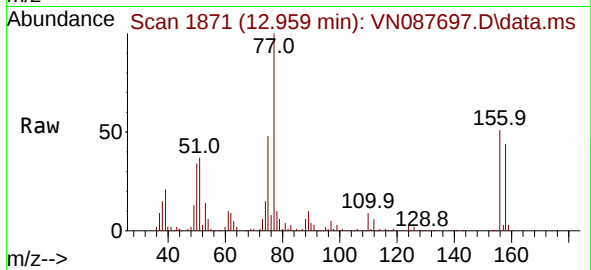
Tgt Ion:	156	Resp:	61109
Ion Ratio	Lower	Upper	
156	100		
77	236.1	119.3	358.0
158	92.0	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#78

n-propylbenzene

Concen: 17.689 ug/l

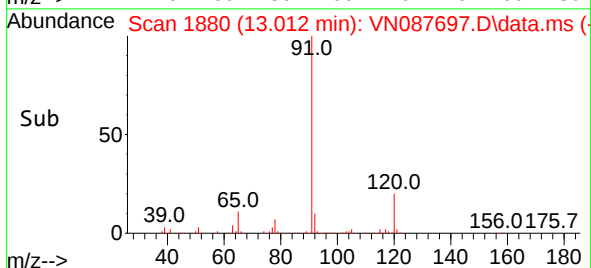
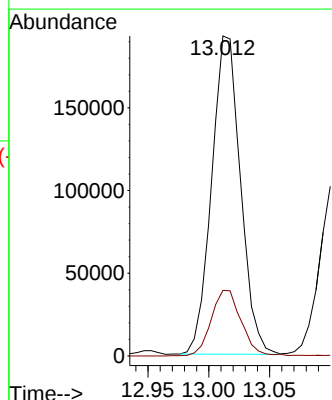
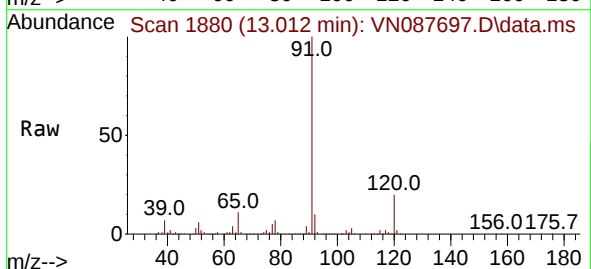
RT: 13.012 min Scan# 1880

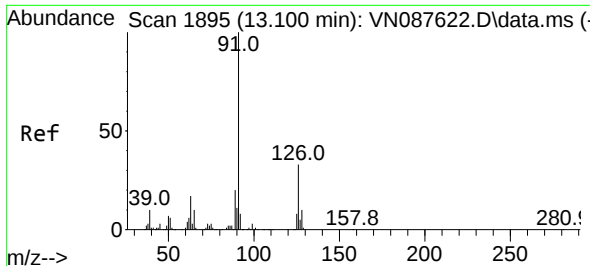
Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

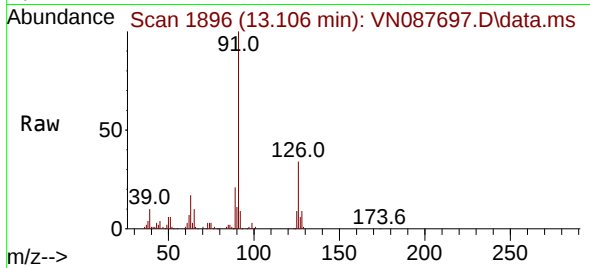
Tgt Ion:	91	Resp:	317523
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.7	32.1





#79
2-Chlorotoluene
Concen: 17.203 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

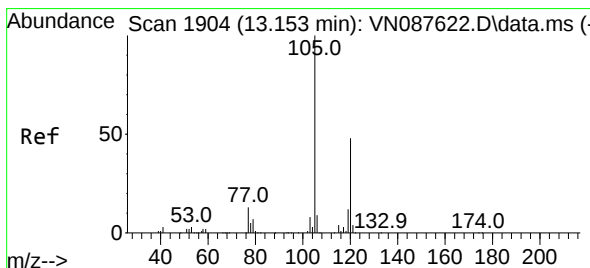
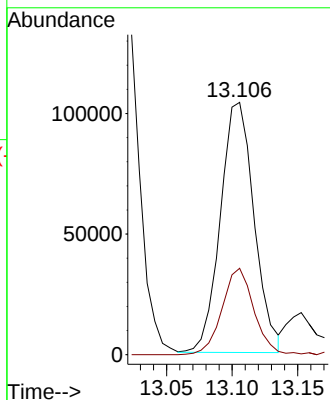
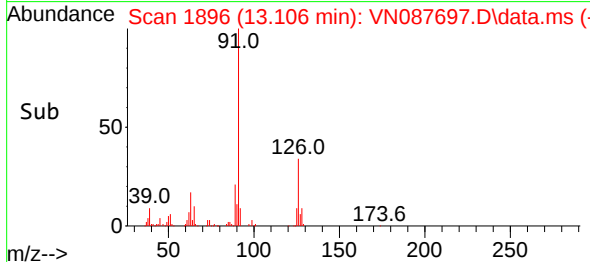
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



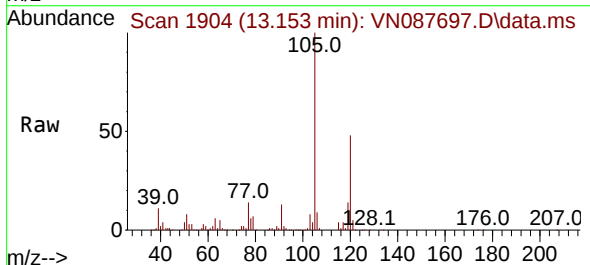
Tgt Ion: 91 Resp: 185834
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

Manual Integrations
APPROVED

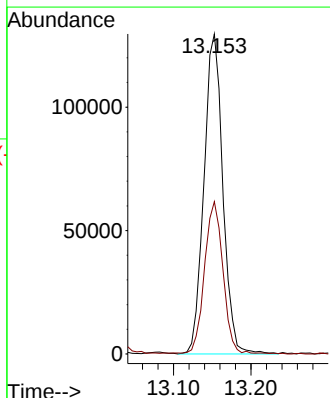
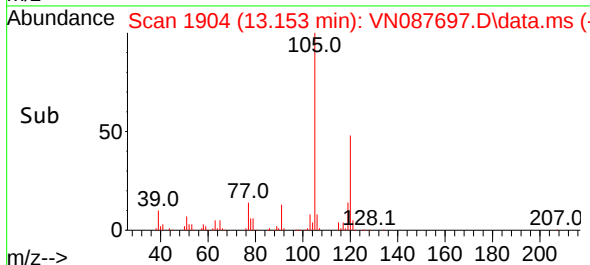
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

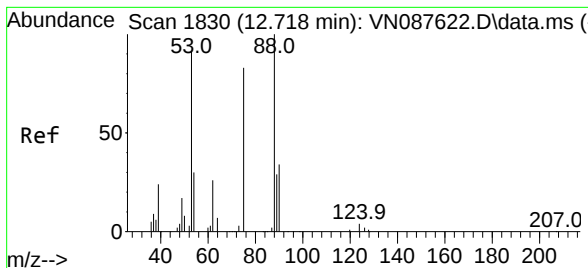


#80
1,3,5-Trimethylbenzene
Concen: 17.765 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



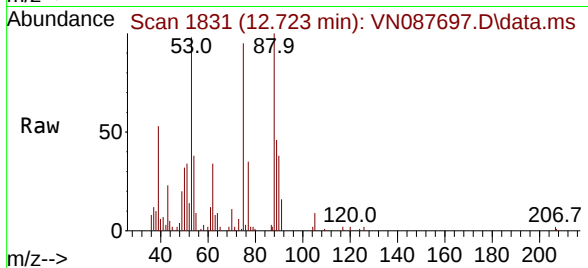
Tgt Ion:105 Resp: 219622
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.614 ug/l
RT: 12.723 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

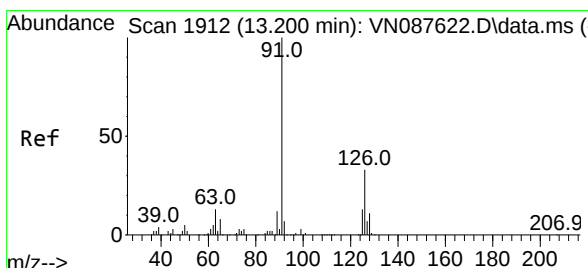
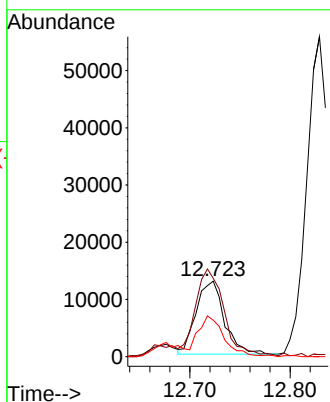
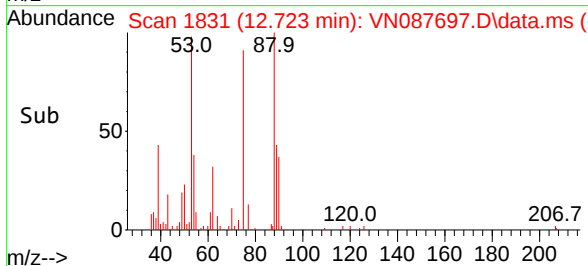
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



Tgt Ion: 75 Resp: 24944
Ion Ratio Lower Upper
75 100
53 120.7 101.8 152.6
89 50.8 35.6 53.4

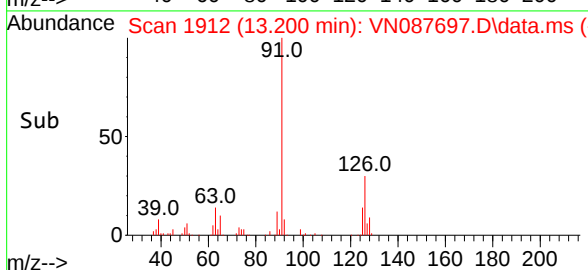
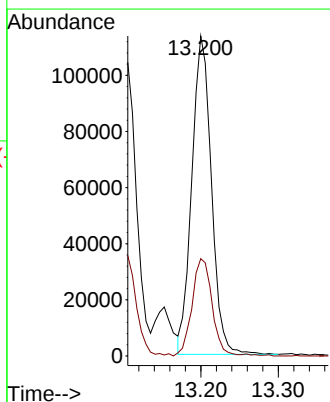
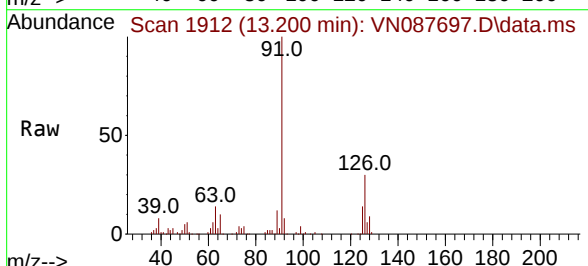
Manual Integrations
APPROVED

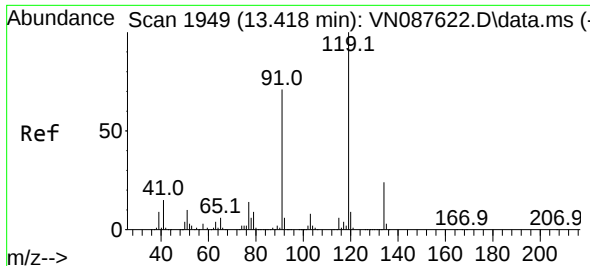
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#82
4-Chlorotoluene
Concen: 17.509 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

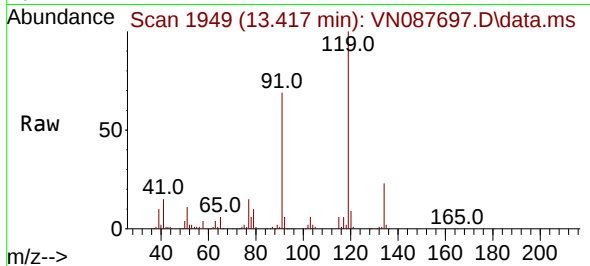
Tgt Ion: 91 Resp: 198858
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





#83
tert-Butylbenzene
Concen: 17.891 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

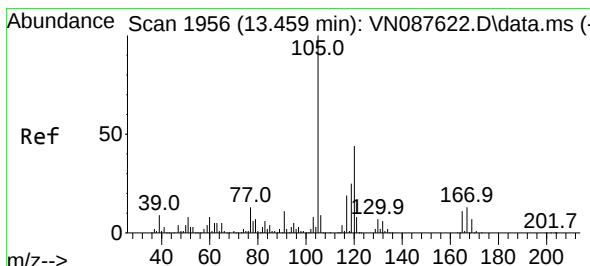
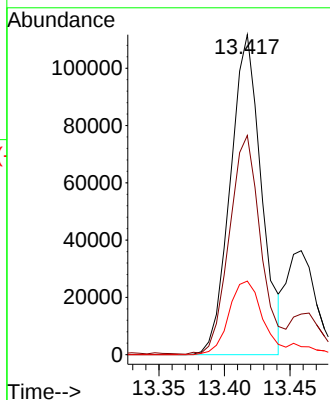
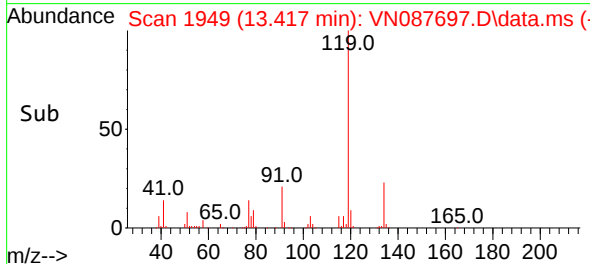
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01



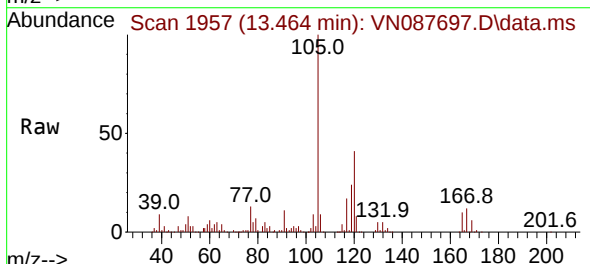
Tgt Ion:119 Resp: 184310
Ion Ratio Lower Upper
119 100
91 69.8 35.0 105.0
134 24.8 12.6 37.8

Manual Integrations
APPROVED

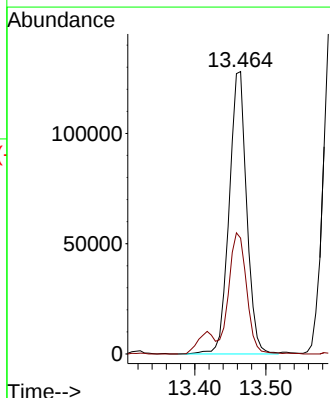
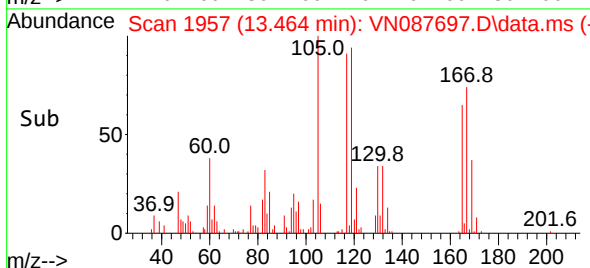
Reviewed By :John Carbone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

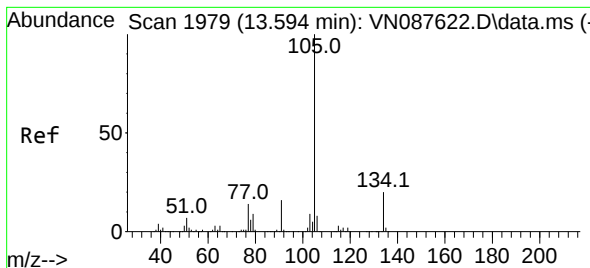


#84
1,2,4-Trimethylbenzene
Concen: 17.716 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



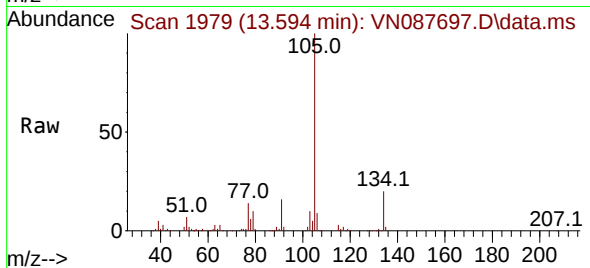
Tgt Ion:105 Resp: 219242
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
sec-Butylbenzene
Concen: 18.036 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

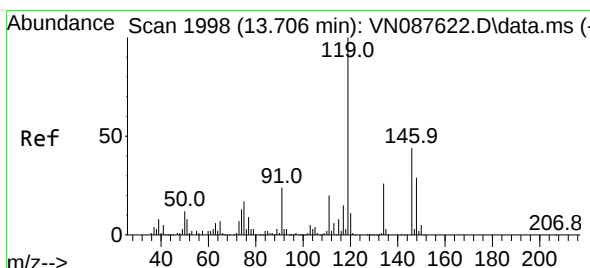
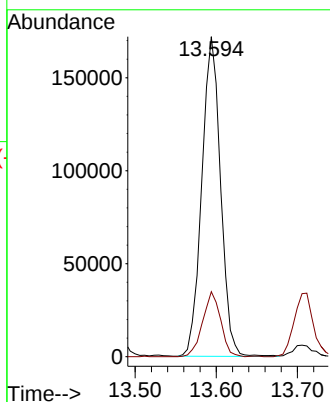
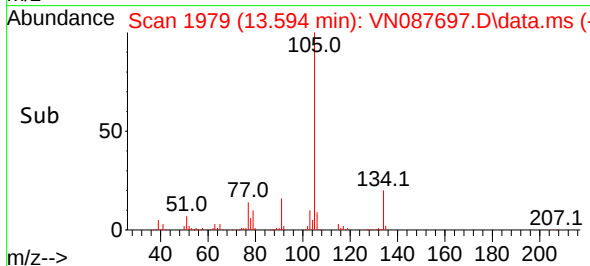
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



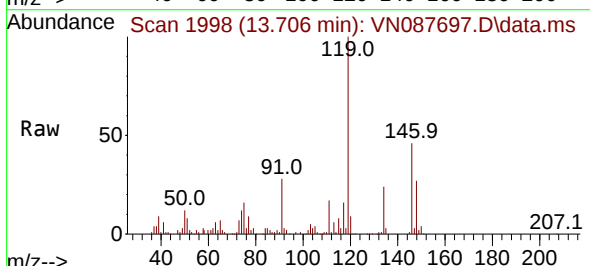
Tgt Ion:105 Resp: 275730
Ion Ratio Lower Upper
105 100
134 19.5 9.6 28.6

Manual Integrations
APPROVED

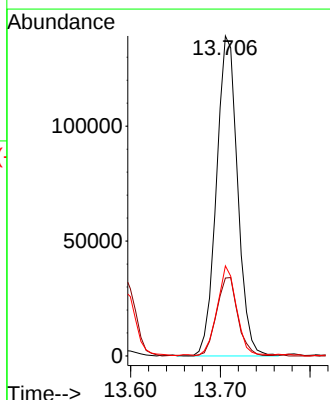
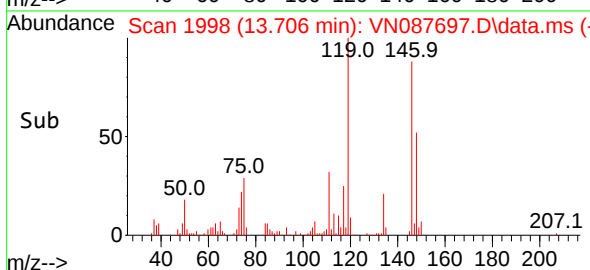
Reviewed By :John Carbone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

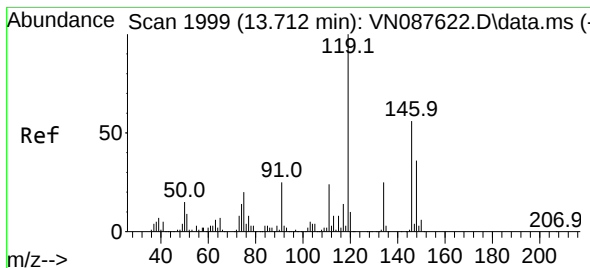


#86
p-Isopropyltoluene
Concen: 18.057 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57



Tgt Ion:119 Resp: 227954
Ion Ratio Lower Upper
119 100
134 24.7 12.7 38.0
91 25.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 17.476 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

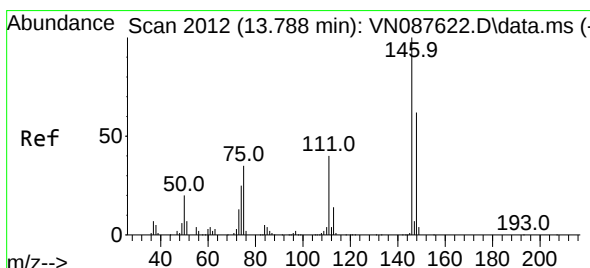
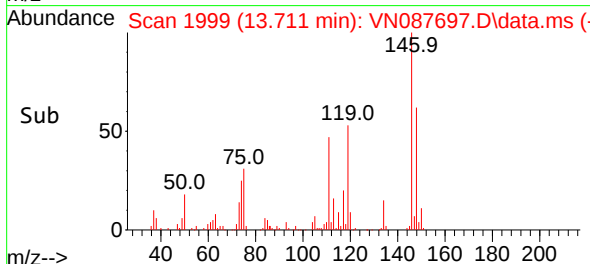
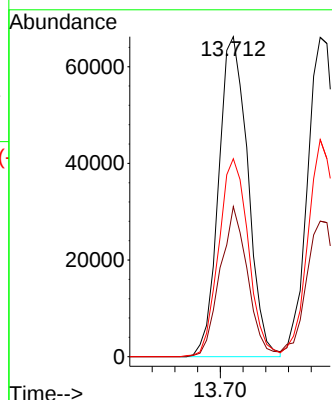
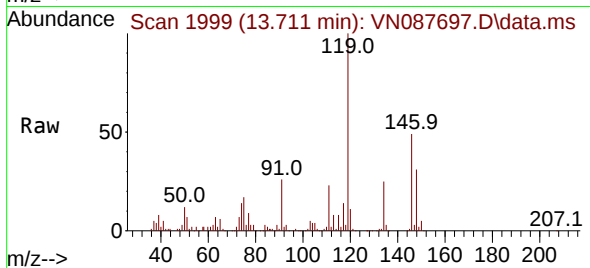
Tgt Ion:	146	Resp:	11825
Ion Ratio	Lower	Upper	
146	100		
111	44.3	22.1	66.5
148	63.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#88

1,4-Dichlorobenzene

Concen: 17.041 ug/l

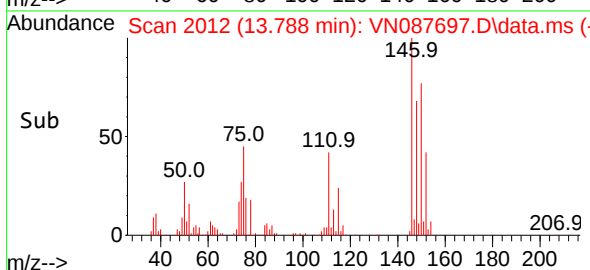
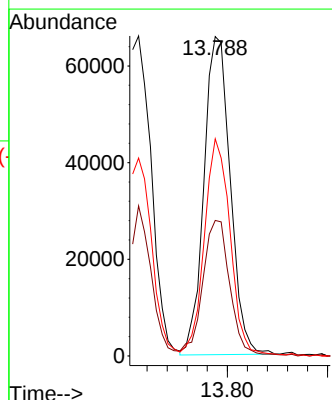
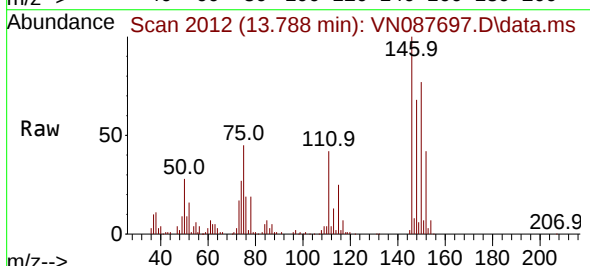
RT: 13.788 min Scan# 2012

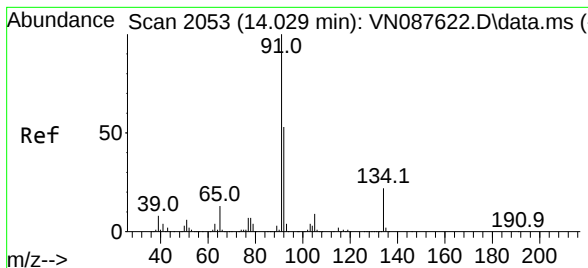
Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Tgt Ion:	146	Resp:	119997
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.0	63.0
148	66.5	32.0	96.0





#89

n-Butylbenzene

Concen: 18.301 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

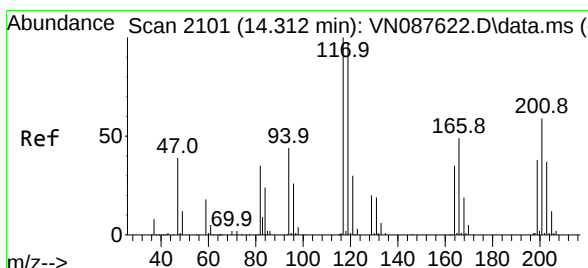
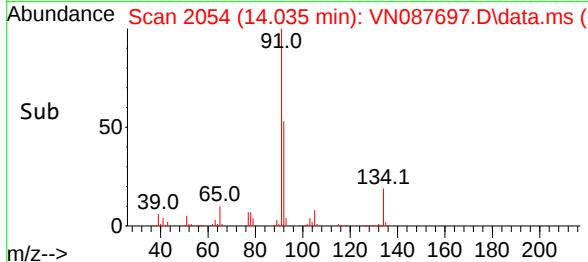
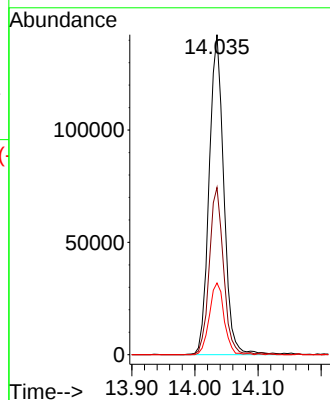
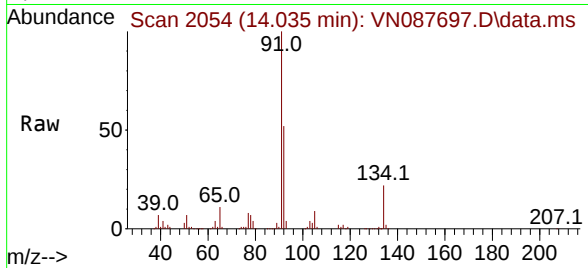
Tgt Ion: 91	Resp: 229454
Ion Ratio	Lower Upper
91	100
92	50.6 25.9 77.8
134	22.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#90

Hexachloroethane

Concen: 18.253 ug/l

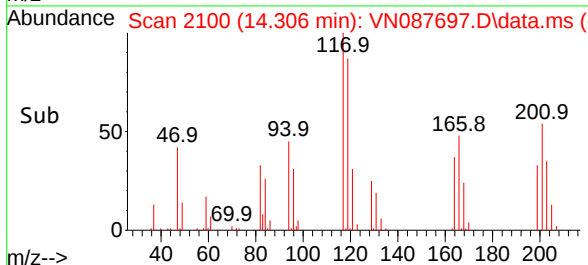
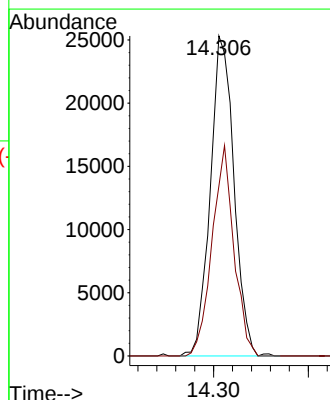
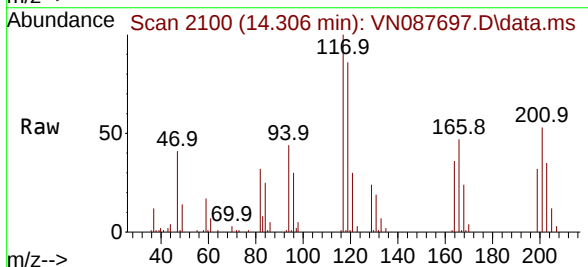
RT: 14.306 min Scan# 2100

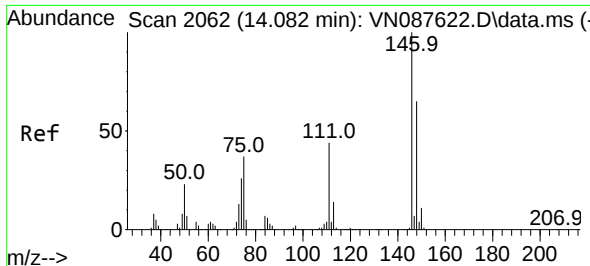
Delta R.T. -0.006 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Tgt Ion: 117	Resp: 43901
Ion Ratio	Lower Upper
117	100
201	60.8 29.1 87.4





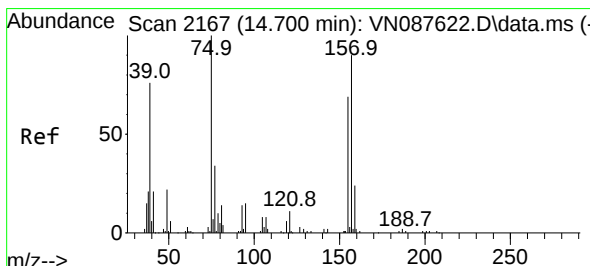
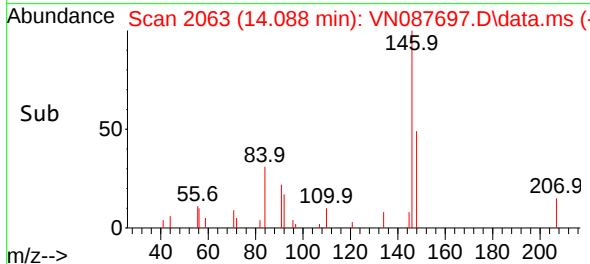
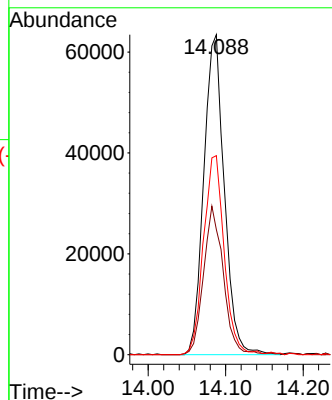
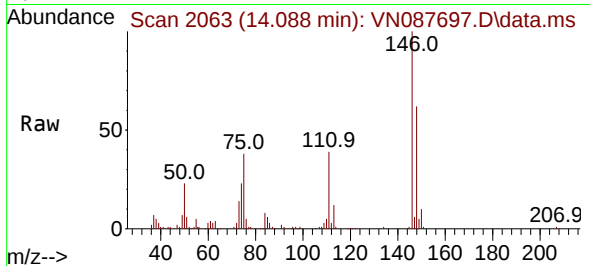
#91
1,2-Dichlorobenzene
Concen: 18.158 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

Tgt Ion:146 Resp: 11656
Ion Ratio Lower Upper
146 100
111 44.9 22.6 67.8
148 62.9 31.9 95.9

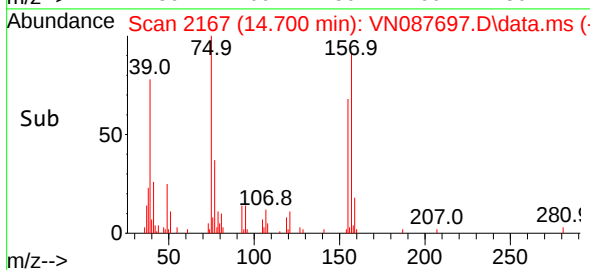
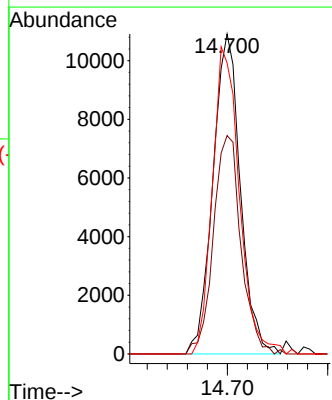
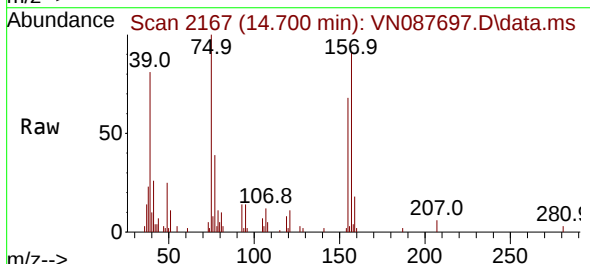
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.415 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Tgt Ion: 75 Resp: 20757
Ion Ratio Lower Upper
75 100
155 68.7 36.6 109.9
157 94.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 17.647 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

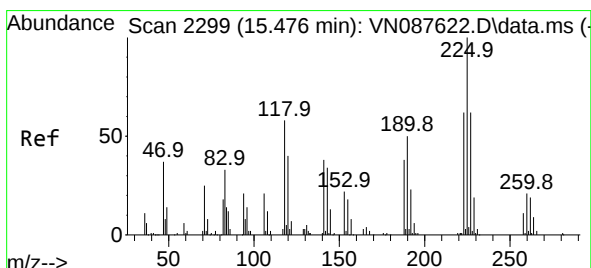
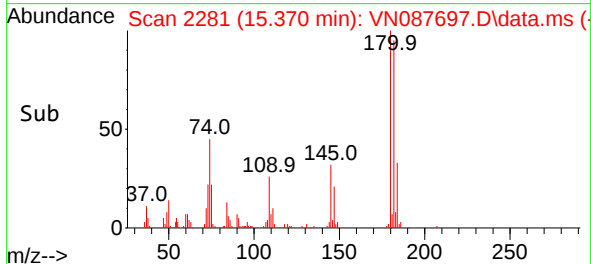
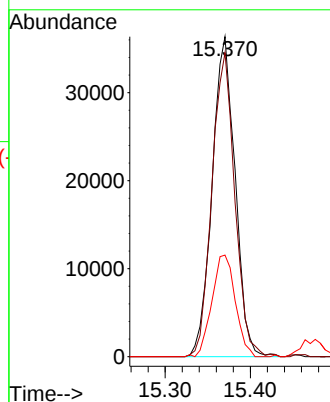
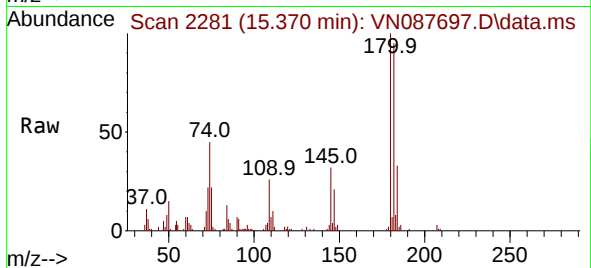
Tgt Ion:	180	Resp:	68020
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.6	142.9
145	32.3	16.5	49.5

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 20.060 ug/l

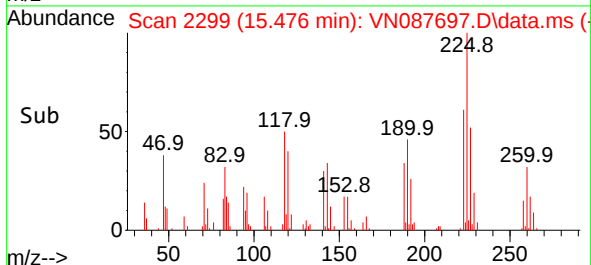
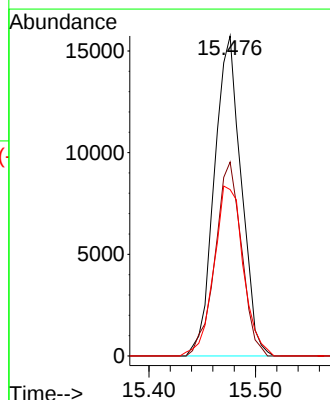
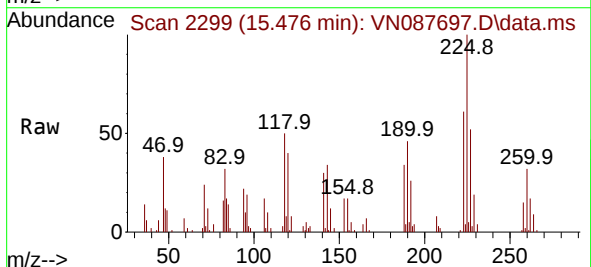
RT: 15.476 min Scan# 2299

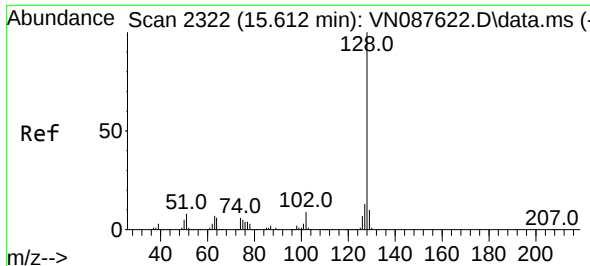
Delta R.T. -0.000 min

Lab File: VN087697.D

Acq: 29 Aug 2025 13:57

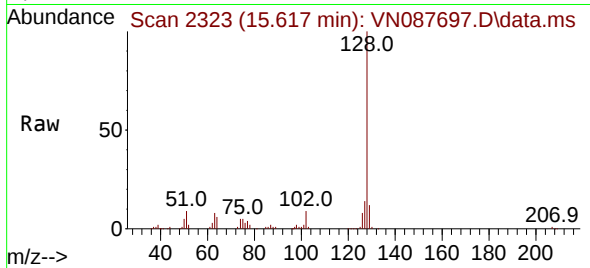
Tgt Ion:	225	Resp:	27568
Ion Ratio	Lower	Upper	
225	100		
223	59.4	32.0	96.2
227	57.9	32.1	96.5





#95
Naphthalene
Concen: 17.233 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

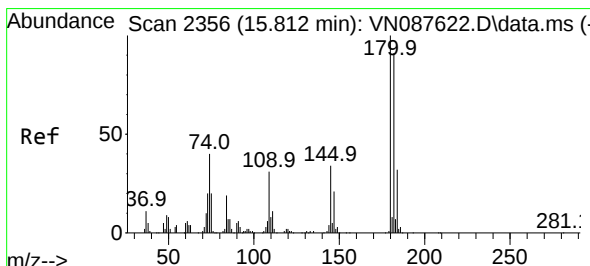
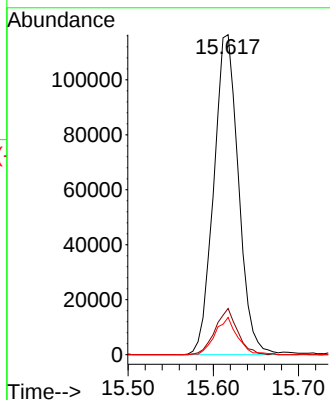
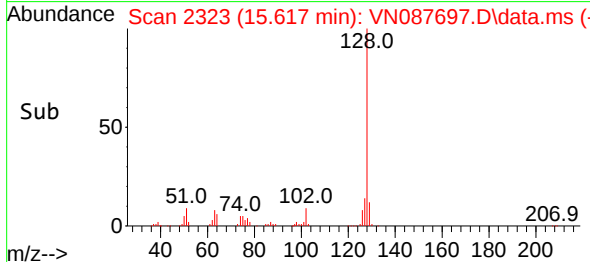
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBSD01



Tgt Ion:128 Resp: 235294
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.5 8.6 12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.914 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087697.D
Acq: 29 Aug 2025 13:57

Tgt Ion:180 Resp: 67508
Ion Ratio Lower Upper
180 100
182 91.0 46.8 140.3
145 35.3 17.3 52.0

